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PAPER 68-1

**OIL AND GAS EXPLORATION,
DRILLING AND PRODUCTION
SUMMARY, 1967**

PETROLEUM RESOURCES SECTION

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DRILLING AND PRODUCTION
SUMMARY, 1967**




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J. C. THATCHER, Deputy Minister

TORONTO

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FOREWORD

This report is distributed free of charge to all 1967 permittees and licencees and to a permanent mailing list of Libraries and Universities. Additional copies of this report as well as similar reports for previous years are available for \$1.00 each.

The Department wishes to acknowledge the Geological Survey of Canada and in particular Mr. B. V. Sanford and Mr. W. A. ter Haar Romeny for their cooperation and assistance in processing and storing the Ontario well cuttings and for providing geological data and other information for use in this report.

INTRODUCTION

The information contained in this publication has been condensed from reports submitted by the operators to the Petroleum Resources Section, Energy Branch, in compliance with The Energy Act, 1964 and Regulations made thereunder. Unless otherwise stated, all statistics and information are reported for the calendar year 1967.

This volume is divided into four sections. Part I contains a brief summary of the organization of the Petroleum Resources Section; Part II contains a statistical summary of exploration, drilling and production activity for 1967; Part III lists all the Licencees for 1967; and Part IV contains the geological and completion data for all wells drilled under Permit in 1967.

Exploration activity in the Province of Ontario showed an overall upswing during 1967. This was most noticeable in offshore Lake Erie and in a new area of exploratory interest—the Hudson Bay and James Bay Lowlands.

Developments in Lake Erie held the spotlight over those on land. By the year's end, virtually all the Canadian portion of the lake, some 3,108,000 acres was held under exploratory licence or lease by 15 different operators. Wildcat drilling on this acreage discovered 6 new gas pools in the Clinton-Cataract sands and the Salina-Guelph carbonates.

In the Hudson Bay and James Bay region, the federal government mapped two large prospective sedimentary basins where Silurian reefs similar to those found in southwestern Ontario were noted. Leasing of federal offshore and provincial onshore acreage continued with 1,000,000 acres being leased in Ontario. A geophysical exploration program for this acreage is proposed for 1968.

PART I

ORGANIZATION

The Petroleum Resources Section operates under authority of The Energy Act and Regulations. Activities of the Section include the regulation of exploration and drilling operations, licencing and inspection of drilling and production facilities and maintaining and providing engineering and geological data and information for use by Government and Industry. The administration and engineering offices of the Petroleum Resources Section are located in Toronto, while the geological and sample repository facilities are in Ottawa. The inspection staff operate from regional offices throughout southwestern Ontario.

During 1967, the research and development program on the Ontario Well Data System was concluded at the University of Western Ontario. This project was initiated in 1964 by the Department and the University of Western Ontario and provides Industry with various types of computer-produced geological maps using the engineering and geological data from 10,000 Ontario oil and gas wells. The project is now being handled through the Department's geological office in Ottawa and computer facilities at the Ontario Department of Highways Toronto Data Center are being utilized for general usage and further development of the system.

In addition to the work being done in computer-applications, continued emphasis is being placed on providing Industry with current geological and reservoir engineering reports. A revised gas well testing program has been initiated by the Department and with the co-operation of Industry, it is anticipated the quality of test data and reservoir information will be considerably upgraded.

During 1967 the Department continued to meet with Industry through the Ontario Petroleum Council. These joint Government-Industry meetings resulted in several significant developments including a revised set of Exploration, Drilling and Production Regulations which will come into effect in 1968.

Key staff in the Petroleum Resources Section are shown in Figure 1.

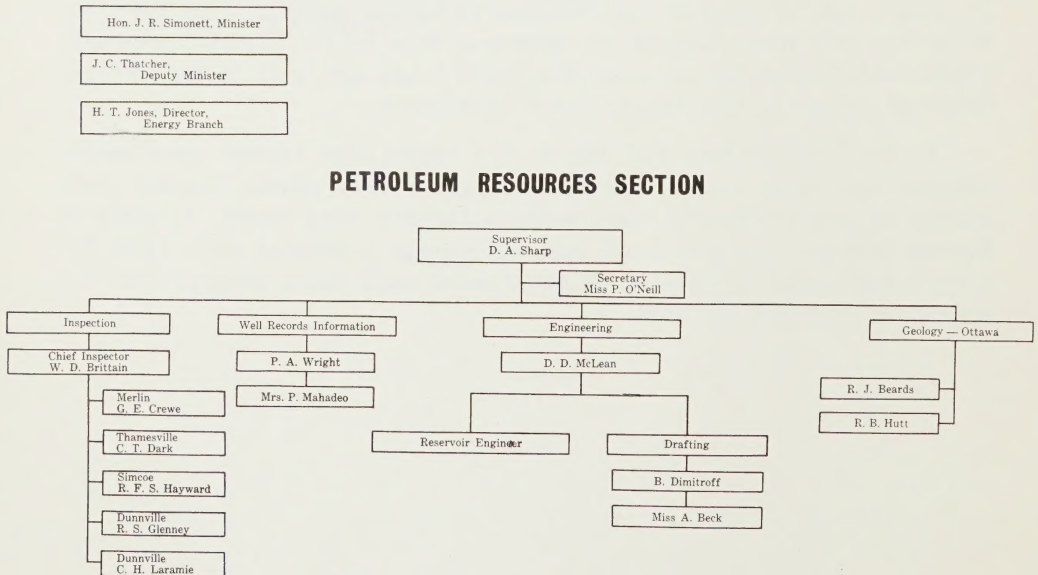


Figure 1

PART II

STATISTICAL SUMMARY

Geophysical Activity

Geophysical activity in southwestern Ontario resulted in a total of 161½ crew months; 4 gravity; 1 resistivity and 10½ seismic.

The great percentage of this geophysical activity was concentrated in Lambton County where recent drilling results have offered considerable encouragement for drilling geophysical anomalies.

Although plans were tentatively made to conduct geophysical surveys in Lake Erie the short season and the uncertainty of the availability of acreage on the United States side of Lake Erie resulted in the postponement of these programs.

Leasing

142 licences to lease gas and oil rights were issued during the year and the total acreage acquired on land was 145,205, approximately the same amount as was leased in 1966.

Table I — Acreage Acquired on Land

| County | Total Acreage | County | Total Acreage |
|-------------|---------------|------------|---------------|
| Brant | 472 | Lambton | 48,883 |
| Bruce | 8,293 | Lincoln | 50 |
| Carleton | 2,540 | Manitowlin | 2,980 |
| Elgin | 660 | Middlesex | 2,250 |
| Essex | 3,644 | Norfolk | 17,080 |
| Glengarry | 749 | Oxford | 10,884 |
| Haldimand | 500 | Prescott | 2,446 |
| Huron | 30,654 | Russell | 2,098 |
| Kent | 9,292 | Wellington | 1,730 |
| Grand Total | | 145,205 | |

From Table I it is apparent that much of the leasing activity was directed towards the continued search for pinnacle reefs although considerable acreage is still being acquired in the Norfolk-Oxford areas.

Transactions involving Crown acreage in southern Ontario were once again restricted to Lake Erie as the drilling ban on the other Great Lakes continued in effect. However, leasing activity in the lake reached an absolute high as all available acreage was held under licence or lease by the end of the year. The announcements by the States of New York, Pennsylvania and Ohio of their intention to open up the United States side of Lake Erie for exploration and the announcement by The Consumers' Gas Company and Pan American Petroleum Corporation of a joint venture on some one million acres contributed greatly to this upsurge in interest.

A total of 525 new exploratory licences (2,530,785 acres) were granted while 15 licences (63,195 acres) were cancelled, surrendered or expired. There were no new production leases issued and one (766 acres) was surrendered. At the end of 1967, there were 3,031,665 acres held in 641 licences and 76,743 acres held in 45 leases. The following gives a comparison of acreage held with other years.

| <i>Year</i> | <i>Acreage Held</i> |
|-------------|---------------------|
| 1958 | 2,461,573 |
| 1964 | 894,372 |
| 1965 | 689,153 |
| 1966 | 641,584 |
| 1967 | 3,108,408 |

INDEX OF GAS & OIL FIELDS

- | | | |
|---|--------------------------------------|--|
| ESSEX COUNTY | 35. Avonry-Wilkesport (Gas-S) | ELGIN COUNTY |
| 1. Malden (Gas-S & Oil-O) | 36. *Duthill (Gas-S) | 71. Mosald (Gas & Oil-S) |
| 2. Colchester (Oil-O) | 37. Dawn (Gas & Oil-S) | 72. Rodney (Oil-D) |
| 3. Kingsville-Leamington-Mersea (Gas-S) | 38. *Florence (Oil-D) (Oakdale) | 73. *New Glasgow (Gas-C) |
| 4. Pelee Island (Oil-S) | 39. Dawn 156 (Gas & Oil-S) | 74. Willey (Oil-C) |
| 5. Staples (Gas & Oil-S) | 40. Waubuno (Gas-S) | 75. Cowal (Gas-S) |
| 6. Comber (Oil & Gas-S) | 41. Brigden (Gas & Oil-S) | 76. *Dutton (Oil-D) |
| 7. *Belle River (Oil-D) | 42. Kimball-Colinville (Gas & Oil-S) | 77. Wallacetown (Oil-D) |
| KENT COUNTY | 43. Payne (Gas-S) | 78. *Malahide (Gas-S) |
| 8. Lake St. Clair (Gas-S) | 44. Seckerton (Gas & Oil-S) | 79. Bayham (Gas-S) |
| 9. Electric (Gas-C) | 45. Corunna (Gas & Oil-S) | NORFOLK COUNTY |
| 10. Dover (Gas & Oil-O) | 46. Talford (Oil-S) | 80. Norfolk (Gas-S) |
| 11. Fletcher (Oil-S) | 47. Plympton-Sarnia (Oil & Gas-D) | 93. Wilsonville—Wilsonville S. (Gas-S) |
| 12. Tilbury (Gas & Oil-S) | 48. Mandaumin (Gas-S) | OXFORD COUNTY |
| 13. Glenwood (Oil-S) | 49. Petrolia (Oil-D) | 81. South Norwich (Gas-S) |
| 14. Romney (Oil-D) | 50. Wanstead (Oil-S) | 82. Brownsville (Gas-S) |
| 15. Wheatley (Oil-S) | 51. *Wilson Croft (Oil-D) | 83. Innerkip (Gas & Oil-C) |
| 16. New Wheatley (Gas-S) | 52. Enniskillen No. 28 (Gas-S) | 84. Gobles (Gas & Oil-C) |
| 17. *Stevenson (Oil-O) | 53. *Enniskillen No. 26 (Gas-S) | 92. *Verschoyle W. (Gas-S) |
| 18. D'Clute (Gas-S) | 54. Oil Springs (Gas-S, Oil-D) | BRANT COUNTY |
| 19. *Doyles (Gas-S) | 55. *Dawn 167 (Gas-S) | 85. Haldimand (Gas & Oil-S) |
| 20. *Kipp (Oil-D) | 56. Shetland (Gas-S) | HALDIMAND COUNTY |
| 21. *Richardson's Siding (Oil-D) | 57. Dante (Oil-D) | 85. Haldimand (Gas-S) |
| 22. Wolfe (Gas-S) | 58. McCready (Oil-D) | WELLAND COUNTY |
| 23. Guilds (Gas-S) | 59. *Innwood (Oil-D) | 86. Welland (Gas-S) |
| 24. Morpeth (Gas-S) | 60. Brooke 5-12 (Oil-S) | WENTWORTH COUNTY |
| 25. *Botany (Gas-S) | 61. Sutorville (Oil-S) | 87. *Rockton (Gas-C) |
| 26. Clearville (Oil-C) | 62. *Watford-Kerrwood (Oil-D) | HALTON COUNTY |
| 27. Bothwell-Thamesville (Oil-D) | 63. Warwick (Oil-S) | 88. Hornby (Gas-O) |
| 28. Zone (Gas-S) | 91. Courtwright (Gas-S) | 89. Acton (Gas & Oil-O) |
| 29. Chatham-Dresden-Camden Gore (Gas & Oil-S) | HURON COUNTY | BRUCE COUNTY |
| 30. *Chatham Gore (Gas-S) | 95. Dungannon (Gas-S) | 90. *Hepworth (Gas-O) |
| LAMBTON COUNTY | 64. Bayfield (Gas-S) | GREY COUNTY |
| 31. East Becher (Gas-S) | 65. *Zurich (Gas-S) | 94. Egremont (Gas-O) |
| 32. West Becher (Gas & Oil-S) | 66. *Dashwood (Gas-S) | PRODUCING FORMATION |
| 33. Sombra (Gas-S) | MIDDLESEX COUNTY | D—Devonian |
| 34. Bickford (Gas & Oil-S) | 67. Grand Bend (Oil-S) | O—Ordovician |
| | 68. *Adelaide (Oil-D) | S—Silurian |
| | 69. *Crumlin (Gas-S) | C—Cambrian |
| | 70. Glencoe (Oil-D) | |

*Inactive

Table II — Summary of Well Completions

| County | Township | EXPLORATORY | | | | DEVELOPMENT | | | | | | | OTHER | |
|----------------|-----------|-------------|----|----|---------|-------------|---|----|----|--------|---------|-----|-------|---------|
| | | G | O | D | T | Footage | G | O | D | T | Footage | No. | Type | Footage |
| BRUCE Bruce | | | | 1 | 1 | 2,790 | | | | | | | | |
| | ELGIN | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| ELGIN | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| ESSEX | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| GLENGARRY | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| HALDIMAND | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| HALTON | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| HASTINGS | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| HURON | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| KENT | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| LAMBTON | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| LINCOLN | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| MANITOULIN | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| MIDDLESEX | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| NORFOLK | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| NORTHUMBERLAND | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| OXFORD | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| PRINCE EDWARD | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| RUSSELL | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| SIMCOE | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| WELLAND | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| WELLINGTON | | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| | Brantford | | | | | | | | | | | | | |
| Totals | | 14 | 54 | 68 | 127,541 | 45 | 6 | 16 | 67 | 78,136 | 21 | | | 30,729 |

Grand Total: 156 Wells, 236,666 Feet

*P.B. as Situation development gas well

Code - S.T. - Stratigraphic Test Well

W.S. - Water Source Well

Ob. - Observation Well

B. - Brine Well

S. - Gas Storage Well

In the Hudson's Bay Lowlands, a licence to explore for oil and gas was issued to Aquitaine Company of Canada Limited for an area covering one million acres. This represents the first large block of acreage to be acquired in Northern Ontario and could well act as a catalyst in initiating a large scale exploration program in the area.

Drilling

A summary of well completions is shown geographically and by class and results in Table II. The total number of completions, 156, was an increase over 1966 but the total footage drilled, 236,606 feet, represented a decrease of 3 percent from the previous year.

The 68 exploratory tests drilled in 1967 was a significant 20 percent increase over 1966; 6 were Cambrian, 4 were Ordovician, 56 were Silurian and 2 were Devonian. The Silurian accounted for 62 of the 67 development wells or 93 percent while the remaining five were shallow Devonian wells.

The increase in exploratory drilling reflects a general upswing in activity in the province which should continue throughout 1968. The significant discoveries and the more important dry exploratory tests are listed in Tables III and IV respectively and are shown geographically in Figure 2.

Table III — Significant Discoveries

| Map Index | Pool | Well Name | County | Township | Lot | Con | Completion Date | Initial T.D. | Production | Prod. Form | Deepest Formation Penetrated | Expl. Class |
|-----------|-------------------|----------------------------------|---------|-------------|--------------------------|------|-----------------|--------------|------------|-------------------|------------------------------|-------------|
| A | - | Consumers' Pan Am 13004 | Elgin | Lake Erie | 42°33'29"N 80°58'31"W | | Oct. 22 | 1666 | 500 MCF/d | Cataract | Queenston | N.F.W. |
| B | - | Consumers' Pan Am 13022 | Elgin | Lake Erie | 42°20'07"N 80°44'58"W | | Sept. 23 | 1946 | 750 MCF/d | Cataract | Queenston | N.F.W. |
| C | - | Atlas Lake Erie No. 1 | Essex | Lake Erie | 41°50'04"N 82°33'38"W | | July 14 | 1018 | 1280 MCF/d | Salina- Guelph | Guelph | N.F.W. |
| D | Dugannon | Altair et al W. Wawanosh 17-VIII | Huron | W. Wawanosh | 17 | VIII | Jan. 13 | 1840 | 1.6 MCF/d | Guelph | Guelph | N.F.W. |
| E | - | Realoil No. 2 Sombra 4-20-X | Lambton | Sombra | 20 | X | Dec. 28 | 2174 | 88 MCF/d | Guelph | Cataract | N.F.W. |
| F | Wilsonville South | Lake Erie Gas-Townsend No. 1 | Norfolk | Townsend | 8 | III | Feb. 11 | 900 | 20 MCF/d | Cataract | Queenston | Ext. |
| G | - | Place Charlotteville L.E. No. 2 | Norfolk | Lake Erie | 42°37'38"N 80°14'19"W | | July 10 | 1293 | 1.6 MCF/d | Cataract | Cataract | N.P.W. |
| H | - | Place Charlotteville L.E. No. 11 | Norfolk | Lake Erie | 42°38'50"N 80°14'49"W | | Oct. 14 | 1211 | 262 MCF/d | Cataract | Cataract | Ext. |
| I | - | Consumers' No. 11958 | Welland | Lake Erie | 42°44'13"N 79°13'31"W | | July 23 | 1285 | 277 MCF/d | Cataract | Queenston | N.F.W. |
| J | - | Consumers' No. 12935 | Welland | Lake Erie | 42°42'31 N 79°17'01"W | | Aug. 1 | 1360 | 560 MCF/d | Cataract | Queenston | N.F.W. |

Table IV — Important Dry Exploratory Tests

| Map Index | Well Name | County | Township | Lot | Con | Completion Date | T.D. | Remarks | Deepest Formation Penetrated | Expl. Class |
|-----------|---------------------------------------|------------|-------------|--|------|-----------------|------|---------------------------|------------------------------|-------------|
| 1 | Texaco No. 4 Home C.D.R. Bruce 1-VIII | Bruce | Bruce | 1 | VIII | Jan. 6 | 2790 | Dry | Precambrian | N.F.W. |
| 2 | Bluewater et al Dunwich 1-16-III | Elgin | Dunwich | 16 | III | April 13 | 3662 | Show Oil, Gas, Salt Water | Precambrian | N.P.W. |
| 3 | Consumers' Pan Am No. 13023 | Elgin | Lake Erie | 42 ⁰ 24'30"N 80 ⁰ 47'30"W | | Nov. 12 | 1865 | Show Gas | Queenston | N.F.W. |
| 4 | Altair et al W. Wawanosh 8-16-VIII | Huron | W.Wawanosh | 16 | VIII | June 8 | 3455 | Dry | Precambrian | N.F.W. |
| 5 | Texaco No. 5 et al Orford 63NTR | Kent | Orford | 63 | NTR | May 19 | 4169 | Show Gas, Salt Water | Precambrian | N.F.W. |
| 6 | Collingwood Exploration No. 1 | Simcoe | Nottawasaga | 43 | XII | Jan. 26 | 710 | Show Gas | Precambrian | N.F.W. |
| 7 | Kenartha No. 1 | Wellington | Arthur | 17 | IX | July 5 | 2358 | Show Gas | Precambrian | N.F.W. |

Table V — Lake Erie Drilling

| County | Exploratory | | | | | Development | | | | |
|---------|-------------|-----|-----|-------|--------|-------------|-----|-----|-------|--------|
| | Gas | Oil | Dry | Total | Feet | Gas | Oil | Dry | Total | Feet |
| Elgin | 2 | - | 8 | 10 | 18,642 | | | | - | |
| Essex | 1 | - | - | 1 | 1,018 | 3 | - | 2 | 5 | 5,144 |
| Kent | | | | - | | 1 | - | 2 | 3 | 4,120 |
| Norfolk | 2 | - | 2 | 4 | 6,245 | 3 | - | - | 3 | 3,709 |
| Welland | 2 | - | 4 | 6 | 6,973 | | | | - | |
| Totals | 7 | - | 14 | 21 | 32,878 | 7 | - | 4 | 11 | 12,973 |

The success ratio for exploratory drilling increased to 21 percent as 14 of the 68 wells were successful. Of these 14, seven were on land and seven were drilled in Lake Erie.

Of the seven successful land wells, five were extensions of the productive Clinton-Cataract formations in Elgin and Norfolk Counties. The other two were Salina-Guelph discoveries, one in Sombra Township, Lambton County and the other in West Wawanosh Township, Huron County.

The West Wawanosh discovery was significant in that the pinnacle reef tested had been discovered in 1958 and this original well, recording only 50 mcfD, was abandoned on the assumption that the reef was salt-plugged. Based on the subsequent drilling, a development program is being undertaken to outline the extent of the productive area.

Of the seven successful Lake Erie wells, six were Clinton-Cataract discoveries and the other was a Salina-Guelph discovery off Essex County. The discoveries by Place Gas and Oil Company Limited in Long Point Bay and Atlas Exploration Limited off Essex County underwent development

Table VI — Drilling Summary by Depth

| | Devonian | | Silurian | | Ordovician | | Cambrian | | Totals | |
|------------|----------|---|----------|----|------------|---|----------|---|--------|----|
| Class | E | D | E | D | E | D | E | D | E | D |
| Gas | - | - | 14 | 45 | - | - | - | - | 14 | 45 |
| Oil | - | 4 | - | 2 | - | - | - | - | - | 6 |
| Dry | 2 | 1 | 42 | 15 | 4 | - | 6 | - | 54 | 16 |
| Sub-Totals | 2 | 5 | 56 | 62 | 4 | - | 6 | - | 68 | 67 |
| Other | 4 | | 9 | | 4 | | 4 | | 21 | |
| Totals | 11 | | 127 | | 8 | | 10 | | 156 | |

Table VII — Success Ratios

| | Gas | Oil | Dry | Totals | Success % |
|---------------------------|-----|-----|-----|--------|-----------|
| Exploratory | | | | | |
| Devonian | - | - | 2 | 2 | 0.0 |
| Salina-Guelph | 3 | - | 27 | 30 | 10.0 |
| Silurian Clinton-Cataract | 11 | - | 15 | 26 | 42.3 |
| Ordovician | - | - | 4 | 4 | 0.0 |
| Cambrian | - | - | 6 | 6 | 0.0 |
| Totals | 14 | - | 54 | 68 | 20.6 |
| Development | | | | | |
| Devonian | - | 4 | 1 | 5 | 80.0 |
| Salina-Guelph | 9 | 2 | 10 | 21 | 52.4 |
| Silurian Clinton-Cataract | 36 | - | 5 | 41 | 87.8 |
| Ordovician | - | - | - | - | - |
| Cambrian | - | - | - | - | - |
| Totals | 45 | 6 | 16 | 67 | 76.1 |

drilling during the year and results proved most encouraging. Interest in the oil and gas potential of Lake Erie is at its highest level and may result in additional offshore drilling equipment being constructed or imported. A summary of Lake Erie drilling activity is shown in Table V.

The 1967 development drilling followed a normal pattern, being concentrated in Haldimand, Lambton and Norfolk Counties. Norfolk was the most active single area with 28 wells being drilled, an increase of almost 60 percent over the corresponding period in 1966.

A drilling summary by depth and the drilling success ratios are shown in Tables VI and VII respectively.

Table VIII — Ontario Oil Production by Fields

| County | Field or Pool | Township | Producing Horizon | Wells | | Production in bbls. |
|---------------------|--|--|----------------------|-------|--------|------------------------|
| | | | | New | Active | |
| Brant, Oxford | Gobles Innerkip | Burford, Blenheim Blandford | Cambrian | | 49 | 89,890 |
| | | | Cambrian | | 2 | 384 |
| Elgin, Middlesex | Crinan Rodney Wallacetown Willey | Aldborough Aldborough Dunwich Dunwich, Ekfrid | Salina | | 1 | 80 |
| | | | Dundee | | 168 | 478,230 |
| | | | Dundee | | 16 | 1,100 |
| | | | Cambrian | | 8 | 136,877 |
| Essex | Colchester Malden | Colchester South Malden | Trenton | | 5 | 13,422 |
| | | | Trenton | | 6 | 8,012 |
| Kent | Bothwell- Thamesville Chatham Clearville Dover Dresden Stewart | Camden, Zone | Dundee | | 37 | 10,284 |
| | | | | | | |
| | | Chatham | Guelph | | 2 | 3,609 |
| | | Orford | Cambrian | | 14 | 58,445 |
| | | Dover | Trenton | | 1 | 237 |
| | | Camden, Chatham | Guelph | | 1 | 764 |
| | | Chatham | Guelph | 1 | 3 | 113 |
| | | | | | | |
| Lambton | Becher | Sombra | Salina | | 27 | 97,780 |
| | Brigden | Moore | Salina | | 2 | 4,594 |
| | Clay Creek | Sombra | Guelph | | 1 | 2,479 |
| | Colinville | Moore | Guelph | | 1 | 1,818 |
| | Corunna | Moore | Salina-Guelph | 1 | 8 | 57,894 |
| | Dawn-Sombra | Dawn, Sombra | Guelph | 1 | 17 | 34,799 |
| | Kimball | Moore | Guelph | | 1 | 1,775 |
| | Oakdale | Dawn | Dundee | | 1 | 277 |
| | Oil Springs | Enniskillen | Dundee | 1 | 447 | 53,797 |
| | Petrolia | Enniskillen | Dundee | | 97 | 22,427 |
| | Sackerton | Moore | Guelph | | 11 | 64,388 |
| | Shetland (Dev) | Euphemia | Dundee | | 1 | 258 |
| | Shetland (Sil) | Euphemia | Dundee | | 1 | 28 |
| | Sombra | Sombra | Guelph | | 1 | 131 |
| | Sutorville | Brooke | Guelph | | 3 | 4,478 |
| | Talford | Moore | Guelph | | 1 | 877 |
| | Wanstead | Brooke, | Guelph | | 3 | 20,338 |
| | | Enniskillen | | | | |
| | Warwick | Warwick | Guelph | | 1 | 18,316 |
| | Wilkesport | Sombra | Guelph | | 3 | 1,461 |
| | Wilsoncroft | Enniskillen | Dundee | 2 | 2 | - |
| | | | | | | |
| Middlesex, Huron | Glencoe | Mosa | Dundee | | 123 | 34,404 |
| | Grand Bend | McGillivray, Stephen | Guelph | | 2 | 13,392 |
| | Mosa | Mosa | Salina | | 1 | 3,140 |
| TOTALS | | | | 6 | 1,068 | 1,240,298 |

Production

Details of oil and gas production by field are shown in Tables VIII and IX respectively. Oil production decreased 6.7 percent over 1966 to 1,240,298 barrels, while gas production showed an 8 percent decrease to 14,218,140 mcf. The average wellhead price per barrel of oil was \$2.8413 while the average wellhead price of gas was \$0.3817 per mcf. The value to producers of total 1967 output was approximately \$3,524,123 for crude oil and \$5,426,780 for natural gas. A graphic history of Ontario oil and gas production is shown in Figures 3 and 4 respectively.

Oil

The Rodney field, Elgin County, continues to be the province's largest oil-producing area contributing more than 38 percent of the total. The Becher water flood project in Lambton County also continued its excellent results with an increase in production of 25 percent over the previous year to eight percent of the province's total. However, most other fields in the province showed a general decline although this decrease should, in part, be reversed by the secondary recovery program which was initiated in the Clearville field in late 1967 and will be undertaken in the Gobles field in 1968.

Table IX — Ontario Gas Production by Fields

| County | Field or Pool | Township | Formation | Wells | | Average Shut-in W.H.P. p.s.i.g. | Production in Mcf* |
|-----------|-----------------------|--------------------------------------|--------------------|---------|--------|--|-----------------------|
| | | | | Shut-in | Active | | |
| Elgin | - | Lake Erie | } Clinton-Cataract | 2 | - | - | - |
| | Bayham | Bayham | | 5 | 23 | 88 | 2,200 |
| | Cowal | Dunwich | } Salina-Guelph | - | 3 | 338 | 21,125 |
| | Mosald | { Aldborough, Dunwich | | - | 10 | 438 | 139,718 |
| | Willey | { Dunwich, Ekfrid | Cambrian | - | - | - | 108,066 |
| Essex | - | Lake Erie | } Salina-Guelph | 4 | - | - | - |
| | Kingsville-Leamington | { Gosfield South | | 2 | 7 | 187 | 12,684 |
| | Malden | Malden | | 5 | - | - | - |
| Haldimand | - | { Lake Erie All Townships | } Clinton-Cataract | 42 | 88 | 272 | } 1,119,741 |
| Brant | Haldimand | Tuscarora | | 28 | 664 | 132 | |
| Lincoln | | Caistor | | 4 | 23 | 56 | } 11,635 |
| Wentworth | | { Gainsborough Binbrook | - | 1 | - | } 1,565 | |
| | | - | 2 | 50 | | | |
| Halton | Acton | Esquesing | } Black River | 1 | 14 | 184 | 16,681 |
| | Hornby | Trafalgar | | 3 | 3 | 190 | 3,167 |
| Huron | Bayfield | Stanley | Salina-Guelph | - | 2 | 125 | 161,585 |
| Kent | Botany | Howard | } Salina-Guelph | 5 | - | - | - |
| | Camden Gore | Camden | | - | 14 | 431 | 111,630 |
| | Chatham | Chatham | | - | 25 | 333 | 144,899 |
| | Chatham Gore | Chatham | | - | 2 | 305 | 14,719 |
| | D'Clute | { Lake Erie Raleigh | | 6 | 10 | 422 | 537,877 |
| | Dover | Dover | } Trenton | 1 | 15 | 181 | 36,775 |
| | Dresden | Chatham, Camden | | 9 | 1 | 131 | 12,347 |
| | | | | 3 | 1 | 580 | 20,060 |
| | Guilds | Harwich | } Salina-Guelph | 3 | 2 | 215 | 7,666 |
| | Lake St. Clair | Lake St. Clair | | 4 | - | - | - |
| | Morpeth | { Lake Erie Howard | | - | - | - | 19,369 |
| | | | | 3 | 9 | 205 | 68,053 |
| | Tilbury | { Lake Erie Romney, Tilbury E. | | 10 | 78 | 282 | 1,825,277 |
| | | | | 3 | 83 | 133 | 237,256 |
| | Wolfe | Harwich | } Guelph | - | 1 | 295 | 11,524 |
| | Zone | Zone | | 7 | 41 | 310 | 87,947 |
| | - | Lake Erie | | 1 | - | 420 | - |
| Lambton | Avonry | - | } Salina-Guelph | - | 1 | - | 3,552 |
| | Becher East | { Sombra | | 1 | 1 | 187 | 28,484 |
| | Becher West | | | 6 | 35 | 157 | 255,564 |
| | Bickford | | | 10 | 3 | 240 | 302,262 |
| | Brigden | Moore | | - | 2 | 504 | 165,901 |
| | Charlemont | Sombra | } Guelph | - | 2 | 478 | 95,729 |
| | Courtright | Moore | | 4 | - | 1010 | - |
| | Corunna | | | - | - | - | 100,835 |
| | Dawn Misc. | | | 6 | 16 | 395 | 85,450 |
| | Dawn 156 | Dawn | | 7 | 9 | - | 1,319,470 |
| | Dawn 167 | Dawn, Enniskillen | | 5 | - | - | - |
| | Enniskillen 26 | Enniskillen | } Salina-Guelph | 2 | - | 843 | - |
| | Enniskillen 28 | Enniskillen | | - | 2 | 257 | 253,267 |
| | Wandaumin | Plympton | | - | 1 | 145 | 41,349 |
| | Seckerton | Moore | | - | - | - | 119,724 |
| | Sombra | Sombra | | 1 | 2 | 215 | 53,663 |
| | Wilkesport | Sombra | } | - | 3 | 492 | 3,964,476 |
| | | | | | | | |
| Middlesex | Wardsville | Mosa | Salina-Guelph | 1 | 20 | 207 | 88,812 |
| Norfolk | Norfolk | { Lake Erie All Townships | } Clinton-Cataract | 23 | 18 | 318 | 345,940 |
| | | | | 28 | 550 | 225 | 1,241,183 |
| | Wilsonville | Townsend | | 3 | 8 | 341 | 44,534 |
| Oxford | Brownsville | Dereham | Guelph | 2 | 1 | - | - |
| | Gobles | Blenheim | Cambrian | - | 12 | 215 | 43,507 |
| | Innerkip | Blandford | Cambrian | - | 1 | 250 | 72,193 |
| | Norwich South | South Norwich | Clinton-Cataract | - | 6 | 223 | 12,312 |
| | Verschoyle W. | Dereham | Guelph | 4 | - | 395 | - |
| Welland | Welland | Lake Erie | } Clinton-Cataract | 3 | 1 | - | 288,577 |
| | | All Townships | | 74 | 212 | 85 | 197,612 |
| TOTALS | | | | 331 | 2,043 | | 14,218,140 |

* at 14.73 p.s.i.a.

1 Solution gas from oil wells. Pools except Willey used for gas storage.

2 Includes oil wells from which solution gas is collected.

3 Field used for storage. Quantity includes cushion adjustment of 1,100,000 and solution gas of 219,470.

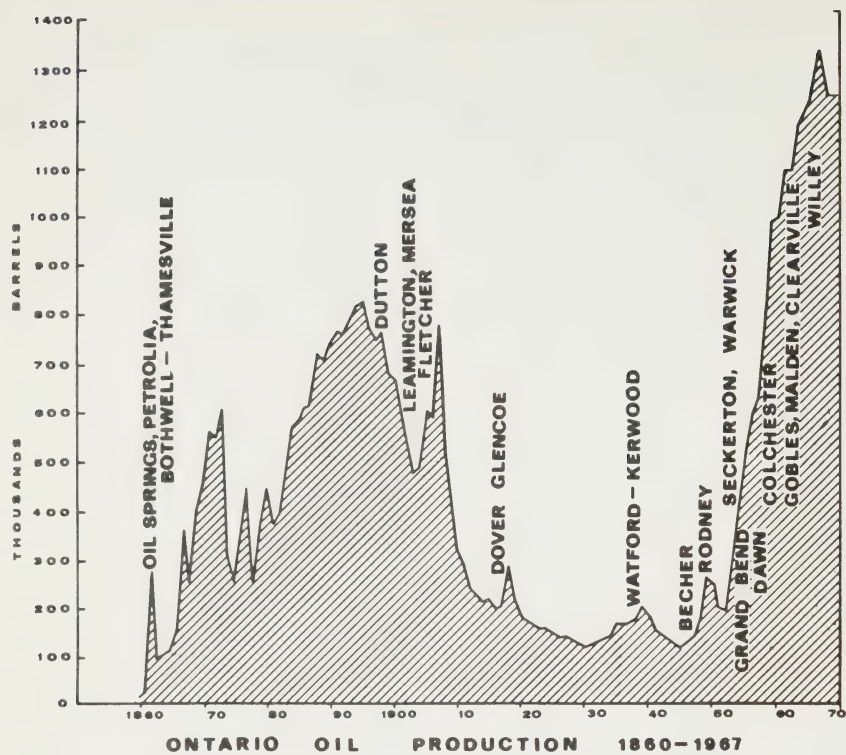


Figure 3

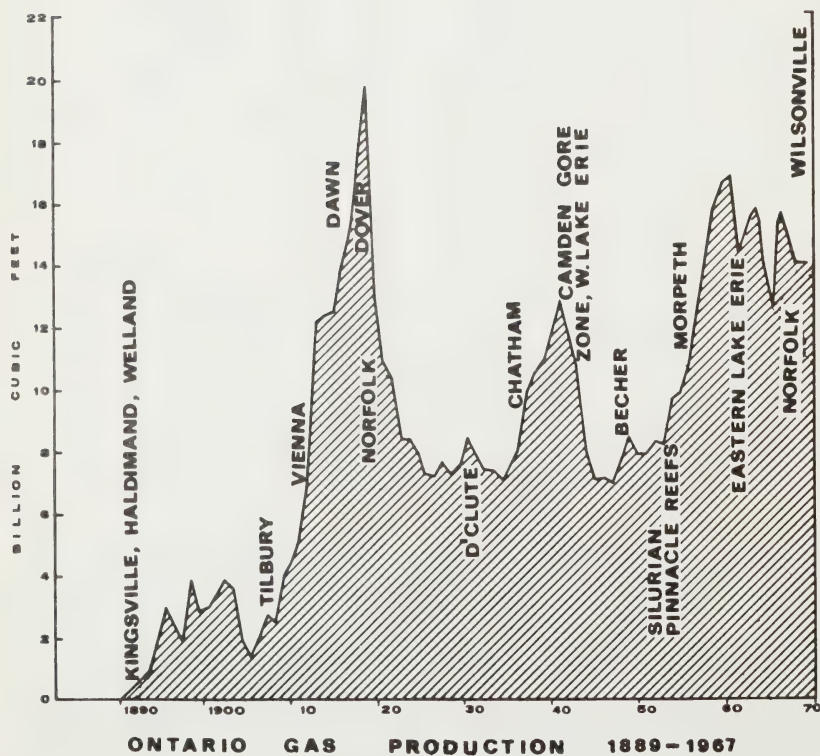


Figure 4

Table X — Oil Production by Age

| | 1963 | 1964 | 1965 | 1966 | 1967 |
|-----------------|--------|--------|--------|--------|--------|
| Devonian..... | 31.3 | 34.3 | 40.4 | 46.0 | 48.5 |
| Silurian..... | 31.5 | 32.5 | 30.0 | 26.6 | 26.8 |
| Ordovician..... | 5.2 | 3.5 | 3.2 | 2.4 | 1.7 |
| Cambrian..... | 32.0 | 29.7 | 26.4 | 25.0 | 23.0 |
| | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Oil production by age and by County is shown in Tables X and XI respectively. A summary of oil production in Ontario from 1963-1967 is shown in Table XII.

Table XI — Oil Production by County

| County | Production Thousands of Barrels | % of Ontario Total |
|---------------|------------------------------------|-----------------------|
| Brant, Oxford | 90.3 | 7.3 |
| Elgin | 616.3 | 49.7 |
| Essex | 21.4 | 1.8 |
| Kent | 73.5 | 5.9 |
| Lambton | 387.9 | 31.2 |
| Middlesex | 50.9 | 4.1 |
| | 1240.3 | 100.0 |

Table XII — Oil Production in Ontario 1963-1967

(In Barrels)

| County | Field | 1963 | 1964 | 1965 | 1966 | 1967 |
|---------------------|--------------------------|-----------|-----------|-----------|-----------|-----------|
| Brant, Oxford | Gobles | 150,866 | 158,405 | 137,904 | 102,258 | 89,890 |
| Elgin | Rodney | 234,318 | 277,687 | 380,170 | 470,713 | 478,230 |
| | Wallacetown | 1,458 | 1,408 | 1,287 | 1,188 | 1,100 |
| | Willey | - | 3,349 | 74,255 | 139,999 | 136,877 |
| Essex | Colchester | 42,983 | 27,653 | 28,251 | 21,500 | 13,422 |
| | Malden | 20,156 | 14,391 | 11,814 | 10,153 | 8,012 |
| Kent | Bothwell- Thamesville | 8,939 | 9,387 | 8,992 | 10,625 | 10,284 |
| | Chatham | 4,248 | 4,450 | 4,951 | 4,353 | 3,609 |
| | Clearville | 234,596 | 207,405 | 121,469 | 87,713 | 58,445 |
| | Dover | 50 | 270 | 329 | 295 | 237 |
| | Dresden | 2,414 | 1,800 | 773 | 727 | 764 |
| Lambton | Becher | 40,786 | 56,935 | 68,043 | 78,531 | 97,780 |
| | Brigden | - | 8,443 | 7,869 | 5,701 | 4,594 |
| | Clay Creek | - | - | - | - | 2,479 |
| | Colinville | 6,429 | 5,186 | 5,089 | 2,870 | 1,818 |
| | Corunna | 91,438 | 68,531 | 54,860 | 60,704 | 57,894 |
| | Dawn-Sombra | 29,181 | 41,332 | 37,248 | 42,939 | 34,799 |
| | Kimball | 1,713 | 1,727 | 1,327 | 1,554 | 1,775 |
| | Oil Springs | 64,748 | 72,913 | 69,630 | 63,056 | 53,797 |
| | Petrolia | 28,837 | 28,882 | 26,404 | 23,169 | 22,427 |
| | Seckerton | 91,071 | 113,454 | 110,222 | 74,205 | 64,388 |
| | Shetland (Dew) | 1,852 | 2,121 | 1,900 | 1,154 | 258 |
| | Sutorville | - | 13,423 | 11,245 | 8,016 | 4,478 |
| | Talford | 1,109 | 644 | 1,536 | 1,060 | 877 |
| | Wanstead | 34,462 | 28,707 | 25,851 | 28,936 | 20,338 |
| | Warwick | 51,547 | 45,789 | 37,739 | 25,229 | 18,316 |
| | Wilkesport | - | - | - | 727 | 1,461 |
| Middlesex, Huron | Glencoe | 36,108 | 33,830 | 31,919 | 37,171 | 34,404 |
| | Grand Bend | 22,945 | 14,043 | 15,595 | 17,138 | 13,392 |
| | Mosa | - | - | - | 473 | 3,140 |
| Other | Misc. | 3,122 | 4,517 | 2,430 | 1,564 | 1,013 |
| TOTALS | | 1,205,376 | 1,246,682 | 1,279,162 | 1,323,781 | 1,240,298 |

Gas

Lambton County continues as the province's most productive area contributing almost 48 percent of the 1967 gas production total (Table XIII). Lake Erie was next in importance although production decreased 7 percent over 1966 (Table XIV). A summary of gas production in Ontario from 1963-1967 is shown in Table XV.

Table XIII — Gas Production by County

| County | Production MMcf | % of Ontario Total |
|-----------|-----------------|--------------------|
| Elgin | 271.1 | 1.9 |
| Essex | 12.7 | 0.1 |
| Haldimand | 1488.1 | 10.5 |
| Halton | 19.8 | 0.2 |
| Huron | 161.6 | 1.1 |
| Kent | 3135.4 | 22.0 |
| Lambton | 6794.7 | 47.8 |
| Middlesex | 88.8 | 0.6 |
| Norfolk | 1631.7 | 11.5 |
| Oxford | 128.0 | 0.9 |
| Welland | 486.2 | 3.4 |
| | 14,218.1 | 100.0 |

The decline in gas production can be attributed to the completion of cushion gas production from the Dawn 156 storage pool and the continued normal depletion of most pools in Lambton County and the D'Clute field in Kent County.

Table XIV — Gas Production — Lake Erie

| County | Field or Pool | Wells | | Average W.H.P. p.s.i.g. | Production Mcf* |
|-----------|---------------|---------|--------|-------------------------------|--------------------|
| | | Shut-in | Active | | |
| Elgin | - | 2 | - | - | - |
| Essex | - | 4 | - | - | - |
| Kent | D'Clute | 6 | 10 | 422 | 537,897 |
| | Morpeth | - | - | - | 19,369 |
| | Tilbury E. | 10 | 78 | 282 | 1,825,277 |
| | - | 1 | - | 420 | - |
| Haldimand | Haldimand | 42 | 88 | 272 | 1,119,741 |
| Norfolk | Norfolk | 18 | 23 | 318 | 345,940 |
| Welland | Welland | 3 | 1 | - | 288,577 |
| TOTALS | | 86 | 200 | - | 4,136,801 |

* at 14.73 p.s.i.a.

Although the Clinton-Cataract potential in Norfolk County continued to attract attention, the results from the 1967 drilling program are not reflected in production and as a result, the area showed a 5 percent decline.

Although gas reserves in Lake Erie increased appreciably, gathering and pipeline facilities were not installed. Output from Lake Erie wells showed a decrease from 1966, as noted above, but provided over 25 percent of the province's total. The Wilkesport pool in Lambton County, produced more than three times its 1966 output and presently represents the largest single pool accounting for 28 percent of the total.

Table XV — Gas Production in Ontario 1963-1967

| County | Field or Pool | 1963 | 1964 | 1965 | 1966 | 1967 |
|-----------|-------------------------|------------|------------|------------|------------|------------|
| Elgin | Bayham | 26,529 | 25,490 | 13,378 | 7,011 | 2,200 |
| | Cowal | 25,829 | 34,942 | 29,644 | 25,255 | 21,125 |
| | Mosald | 82,478 | 132,631 | 169,820 | 125,770 | 139,718 |
| | Willey | - | - | - | - | 108,066 |
| Essex | Kingsville | 16,463 | 14,755 | 15,545 | 12,533 | - |
| | Leamington | 1,737 | 1,831 | 1,973 | 231 | 12,684 |
| | Staples | 432 | - | - | - | - |
| Haldimand | Haldimand (Lake) | 1,253,455 | 1,035,588 | 1,316,723 | 1,407,400 | 1,119,741 |
| | Haldimand (Land) | 494,044 | 407,756 | 327,787 | 385,536 | 355,138 |
| | Brant | - | - | - | - | - |
| | Lincoln | 9,931 | 9,902 | 8,297 | 9,739 | 11,635 |
| | Wentworth | 2,493 | 1,872 | 1,438 | 2,219 | 1,565 |
| Halton | Acton | 41,657 | 29,179 | 27,641 | 19,332 | 16,681 |
| | Hornby | 1,223 | 13,443 | 6,602 | 3,927 | 3,167 |
| Huron | Bayfield | 189,226 | 180,243 | 169,560 | 171,185 | 161,585 |
| Kent | Camden | 13,546 | 86,722 | 155,985 | 100,901 | 111,630 |
| | Chatham | 119,736 | 160,076 | 216,124 | 143,079 | 144,899 |
| | Chatham (Gore) | - | - | - | 4,438 | 14,719 |
| | D'Clute (Lake) | 605,400 | 588,235 | 703,869 | 657,965 | 537,897 |
| | D'Clute (Land) | 74,787 | 95,948 | 53,549 | 60,424 | 36,775 |
| | Dover | 54,451 | 38,830 | 16,752 | 11,004 | 12,347 |
| | Dresden | 113,055 | 70,574 | 31,586 | 20,360 | 20,060 |
| | Guilds | 25,307 | 27,891 | 21,143 | 13,070 | 7,666 |
| | Lake St. Clair | 7,795 | - | - | - | - |
| | Morpeth (Lake) | 59,870 | 33,202 | 26,331 | 22,931 | 19,369 |
| | Morpeth (Land) | 156,177 | 126,675 | 104,003 | 73,421 | 68,053 |
| | Tilbury (Lake) | 1,460,055 | 1,475,264 | 1,420,359 | 1,747,657 | 1,825,277 |
| | Tilbury (Land) | 699,947 | 557,664 | 223,197 | 265,566 | 237,256 |
| | Wolfe | 1,276 | 12,712 | 11,444 | 11,185 | 11,524 |
| | Zone | 24,710 | 103,244 | 147,645 | 113,987 | 87,947 |
| Lambton | Avonry | - | 30,502 | 81,119 | 77,255 | 3,552 |
| | Becher East | 39,277 | 121,387 | 33,564 | 35,036 | 28,484 |
| | Becher West | 345,900 | 222,131 | 348,968 | 362,893 | 255,564 |
| | Bickford | 2,039,919 | 1,831,009 | 1,037,046 | 1,234,655 | 302,262 |
| | Brigden | - | - | 501,197 | 394,502 | 165,901 |
| | Charlemont | - | - | - | 88,738 | 95,729 |
| | Courtright | - | - | - | - | - |
| | Corunna | 204,050 | 434,347 | 352,497 | 461,720 | 100,835 |
| | Dawn Misc. | 96,247 | 76,551 | 68,372 | 85,453 | 85,450 |
| | Dawn 156 | 3,188,461 | 2,683,279 | 1,496,658 | 2,438,290 | 1,319,470 |
| | Enniskillen | - | 127,656 | 956,567 | 451,756 | 253,267 |
| | 26 & 28 Kimball- | 1,348,056 | 186,439 | - | - | - |
| | Colinville | - | - | - | - | - |
| | Mandaumin | 221,755 | 125,929 | 46,814 | 44,986 | 41,349 |
| | Seckerton | 934,093 | 938,135 | 852,603 | 792,952 | 119,724 |
| Middlesex | Sombra | 119,140 | 152,964 | 142,318 | 87,036 | 58,683 |
| | Wilkesport | - | - | - | 1,207,939 | 3,964,476 |
| Norfolk | Wardsville | 114,041 | 113,072 | 74,717 | 108,768 | 88,812 |
| Norfolk | Norfolk (Lake) | 148,959 | 321,149 | 263,961 | 464,940 | 345,940 |
| | Norfolk (Land) | 1,313,838 | 915,244 | 929,328 | 1,342,658 | 1,241,183 |
| | Wilsonville | - | - | - | - | 44,534 |
| Oxford | Verschoyle W. Gobles | - | - | - | - | - |
| | Innerkip | 82,207 | 69,733 | 81,303 | 54,119 | 43,507 |
| | Norwich | - | - | - | 28,697 | 72,193 |
| | Norwich South | 16,352 | 17,440 | 14,159 | 14,223 | 12,312 |
| Welland | Welland (Lake) | 5,558 | 4,457 | 2,138 | 146,324 | 288,577 |
| | Welland (Land) | 140,593 | 179,874 | 195,759 | 198,091 | 197,612 |
| TOTALS | | 15,920,055 | 13,815,967 | 12,699,483 | 15,537,157 | 14,218,140 |

Gas Storage

To date ten underground natural gas storage areas have been authorized for use by the Ontario Energy Board. The total working capacity of these pools is approximately 100 billion cubic feet and all but the Crowland Pool, near Welland, are located in Lambton County. Three additional pools have been designated as gas storage areas by regulation but storage operations have not yet been authorized. A summary of these pools is shown in Table XVI.

Table XVI — Gas Storage — Southwestern Ontario

| Reservoir | Zone | Status | Operator | Working Reservoir Capacity (billion cu.ft) | Original Reservoir Pressure (psig) |
|--------------------|-----------|----------|----------|--|------------------------------------|
| Dawn 47-49 | G,A-1 | Active | Union | 3.38 | 865 |
| Dawn 49-85 | G,A-1,A-2 | Active | Union | 4.01 | 865 |
| Dawn 156 | G,A-1 | Active | Union | 20.50 | 880 |
| Payne | G,A-1 | Active | Union | 12.53 | 877 |
| Waubuno | G,A-1 | Active | Union | 6.15 | 931 |
| Corunna | G,A-1 | Active | Tec. | 3.83 | 943 |
| Crowland | Whirlpool | Active | Cons. | 0.62 | 500 |
| Seckerton | G,A-1 | Active | Tec. | 9.60 | 950 |
| Dawn 3 | A-1,A-2 | Inactive | Union | 0.88 | 760 |
| Kimball-Colinville | G,A-1 | Active | Tec. | 35.00 | 919 |
| Bickford | G,A-1 | Desig. | Imp. | 13.80 | 986 |
| Sombra | G,A-1 | Desig. | Imp. | 1.81 | 995 |
| Zone | A-1,A-2 | Desig. | Union | 8.46 | 721 |
| TOTAL | | | | 120.57 | |

G - Guelph Formation
A-1,A-2 - Salina Formation
Desig. - Designated
Union - Union Gas Company of Canada Limited
Imp. - Imperial Oil Limited
Tec. - Tecumseh Gas Storage Limited

Withdrawals from storage during the period April 1st, 1967, to March 31st, 1968 totalled approximately 45.6 BCF compared with 39 BCF during the similar period in 1966-67. Volumes of gas injected into storage decreased slightly to 47.2 BCF from 48.6 BCF during corresponding periods.

Storage withdrawals represented approximately 15.7 percent of total gas annual sales in the province.

No new pools were authorized during 1967 but Tecumseh Gas Storage Limited's Kimball-Colinville Pool was utilized for the first time to meet the company's storage contract with The Consumers' Gas Company. Development of this pool continued with the drilling of four storage wells in 1967 and Tecumseh plans to drill six additional wells during 1968.

On the basis of short term future requirement, there appears to be a sufficient reserve of storage capacity in the Lambton County area. The search continues, however, for suitable storage reservoirs in closer proximity to large market areas such as Metropolitan Toronto and Ottawa.

Gas Receipts and Disposition

Sales of natural gas to consumers in the province during 1967 increased nearly 16 percent and accounted for over 40 percent of total sales in Canada compared with 34 percent in 1966. Receipts from Western Canada decreased slightly continuing the 1966 trend of relatively stable supplies from this source. The bulk of the consumption increase was provided by advances over 1966 of nearly 60 percent more imports from the U.S.A. and 40 percent greater withdrawals from storage augmented by 4 percent less deposits into storage. Gas used in transmission operations accounted for around 9 percent of total Western Canada receipts as in 1966. A decrease of over 8 percent in production from Ontario wells reduced its contribution to total requirements to around 4 percent from more than 5 in 1966.

The initial 157-mile section of the new pipeline from Western Canada completed during the year from the central part of Michigan to near Sarnia accounted for nearly 20 percent of U.S. imports. Completion of the remaining 830 miles of this project is planned for the Fall of 1968 when Western Canada gas mainly is to be transmitted through this line to Ontario.

The 16 percent sales increase was a material addition over the corresponding 1966-65 advance of 10 percent and compares with the 1965-64

Table XVII — Gas Balance Sheet

| <u>Supply</u> | Thousands <u>Cubic Feet*</u> | Percent <u>of Total</u> |
|--|---------------------------------|----------------------------|
| Ontario Production | 14,218,140 | 4.4 |
| Imports from: | | |
| Western Canada | 236,709,579 | 73.7 |
| U.S.A. | <u>70,350,013</u> | 21.9 |
| | <u>307,059,592</u> | |
| Total Supply | <u>321,277,732</u> | <u>100.0</u> |
| <u>Disposition</u> | | |
| Sales to customers | 279,190,901 | 86.9 |
| Free Gas | 54,447 | |
| Company Use | <u>26,874,458</u> | |
| | <u>26,928,905</u> | 8.4 |
| Total Consumption | 306,119,806 | 95.3 |
| Gas to Storage (net)..... | 5,389,000 | 1.7 |
| Gas to Province of Quebec | 3,269,530 | 1.0 |
| Exports to U.S.A. | 3,993,845 | 1.2 |
| Metering, Line Loss & other unaccounted for ... | <u>2,505,551</u> | |
| | <u>15,157,926</u> | 0.8 |
| Total Disposition | <u>321,277,732</u> | <u>100.0</u> |

* at 14.73 p.s.i.a.

increase of 14 percent. Industrial users accounted for only one percent of total customers but nearly 50 percent of total sales as in 1966, representing advances of over 2 percent in customers and nearly 20 percent in consumption compared with like 1966-65 increases of over 4 and 11 percent respectively. Consumption by residential and commercial users increased by over 8 and 18 percent respectively compared with corresponding 1966-65 advances of over 4 and nearly 18 percent. A levelling off in the annual growth rate of all three categories of customers further is indicated by their lower 1967 increases of nearly 2 percent in residential and 5 in commercial when compared with corresponding 1966 advances of over 3 and under 7, and 4 and 7 percent in 1965.

PART III

LICENCING

Part III contains a list of all those persons and companies licenced during the calendar year 1967 to conduct geophysical and geochemical exploration (Table XVIII), to lease gas and oil rights (Table XIX), to produce natural gas and oil (Table XX) and the owners of licenced drilling machines (Table XXI).

TABLE XVIII—PERSONS LICENCED TO CONDUCT GEOPHYSICAL—
GEOCHEMICAL EXPLORATION

| | |
|---|---------------------|
| Alsask Geophysical Ltd. | Calgary, Alta. |
| Anchor Petroleums Ltd. | Toronto, Ont. |
| Ashland Oil & Refining Ltd. | Evansville, Indiana |
| Banner Petroleums Ltd. | Toronto, Ont. |
| Bluewater Oil & Gas Ltd. | Calgary, Alta. |
| Carter Development Co. Inc. | Dayton, Ohio |
| Compagnie Generale de Geophysique | Calgary, Alta. |
| Compass Petroleums Ltd. | London, Ont. |
| Consumers' Gas Ltd., The | Toronto, Ont. |
| Geo. Prospectors | Tulsa, Oklahoma |
| Imperial Oil Enterprises Ltd. | Chatham, Ont. |
| E. V. McCollum & Co. | Tulsa, Oklahoma |
| Ontario Natural Gas Storage & Pipelines | Chatham, Ont. |
| O'Shea & Associates Ltd., H. J. | London, Ont. |
| Union Gas Co. | Chatham, Ont. |
| Western Albermont Petroleums Ltd. | Calgary, Alta. |
| Western Decalta Petroleum Ltd. | Calgary, Alta. |

TABLE XIX—PERSONS LICENCED TO LEASE GAS
OR OIL RIGHTS cont'd

| | |
|-------------------------------------|---------------------|
| Agena Mining Co. | Toronto, Ont. |
| Anchor Petroleums Ltd. | Toronto, Ont. |
| Antelo, J. | St. Clair, Mich. |
| Anthony Gas & Oil Explorations Ltd. | Acton, Ont. |
| Ashland Oil & Refining Co. | Evansville, Indiana |
| Banner Petroleums Ltd. | Toronto, Ont. |
| Beard, J. | Pearl Beach, Mich. |
| Beatty, G. A. | Manitowaning, Ont. |
| Bell, Stewart M. | Barrie, Ont. |
| Bluewater Oil & Gas Ltd. | Calgary, Alta. |
| Bow Valley Leasing Ltd. | London, Ont. |
| Bowling, L. | New Orleans, La. |
| Boyce, G. D. | Chatham, Ont. |
| Brockman, H. L. | St. Clair, Mich. |
| Bronstein, B. | Evansville, Indiana |
| Bulmer, W. E. | Chatham, Ont. |
| Burton, R. A. | Richmond Hill, Ont. |
| Camerina Petroleum Corp. | Houston, Texas |
| Central Del Rio Oil Ltd. | Calgary, Alta. |
| Central Pipe Line Co. Ltd. | Aylmer, Ont. |
| Chaney, T. B. | Rodney, Ont. |
| Charlebois, L. H. | Calgary, Alta. |

TABLE XIX—PERSONS LICENCED TO LEASE GAS
OR OIL RIGHTS cont'd

| | |
|---------------------------------------|-------------------|
| Chittim, G. | Chatham, Ont. |
| Coatsworth, T. E. | Chatham, Ont. |
| Compass Petroleum Ltd. | London, Ont. |
| Consumers' Gas Co. | Toronto, Ont. |
| Cook, Byron J. | St. Clair, Mich. |
| Corden, B. B. | St. Clair, Mich. |
| Dekker, Clarence | Chatham, Ont. |
| Demers, V. E. | Petrolia, Ont. |
| Dome Petroleum Ltd. | Calgary, Alta. |
| Donnan, B. C. | Toronto, Ont. |
| Dufton, F. R. | Chatham, Ont. |
| Everall, A. E. | Toronto, Ont. |
| Girling, W. H. | Toronto, Ont. |
| Glenfred Gas Wells Ltd. | Jarvis, Ont. |
| Gligor, P. | West Lorne, Ont. |
| Glover, W. F. | London, Ont. |
| Groeneweg, M. | St. Thomas, Ont. |
| Haldimand Gas & Oil Ltd. | Cayuga, Ont. |
| Hansen, H. N. | Toronto, Ont. |
| Happy, Dennis | Willowdale, Ont. |
| Imperial Oil Enterprises | Chatham, Ont. |
| Imperial Oil Ltd. | Chatham, Ont. |
| Irving, D. | Simcoe, Ont. |
| Jackson Co., P. L. | Dunnville, Ont. |
| Johnson, Kirsten | London, Ont. |
| Johnson, R. D. | London, Ont. |
| Jurocko, W. | Weston, Ont. |
| Kenartha Gas & Oil | Guelph, Ont. |
| Kernow Exploration & Development Ltd. | Toronto, Ont. |
| Killins, A. | Toronto, Ont. |
| Klappis, James | Orangeville, Ont. |
| Kochnowich, P. | Chatham, Ont. |
| Kriter, R. E. | Lambeth, Ont. |
| Ladney, M. K. | Windsor, Ont. |
| Ladney, Michael Jr. | Windsor, Ont. |
| Lake Erie Gas. Co. | Toronto, Ont. |
| Lieber, K. W. | Allen Park, Mich. |
| Loucks, A. S. | Chatham, Ont. |
| Low, Steven | Willowdale, Ont. |
| MacKay, A. E. | Toronto, Ont. |
| Maclellan, C. F. | Toronto, Ont. |
| Mahaffy Brothers | Toronto, Ont. |
| Mahaffy, A. M. | Toronto, Ont. |
| Malo, Joseph | Chatham, Ont. |
| Mann, R. E. | Simcoe, Ont. |
| McDonald, G. F. | London, Ont. |
| McKenzie, D. F. | Sarnia, Ont. |
| McLean, A. | Rodney, Ont. |
| McMaster, R. W. | Caledonia, Ont. |
| McMaster, W. | Proton, Ont. |
| McMillan, D. A. | Rodney, Ont. |
| McPherson Drilling, R. I. | Windsor, Ont. |
| Mid Eastern Oil & Gas | London, Ont. |
| Monahan, O. H. | Detroit, Mich. |

TABLE XIX—PERSONS LICENCED TO LEASE GAS OR OIL RIGHTS

| | |
|--|------------------------|
| Murphy, K. | Dundalk, Ont. |
| Mykytiuk, B. A. | Toronto, Ont. |
| New Metalore Mining Co. | Simcoe, Ont. |
| Nith River Petroleums Ltd. | Galt, Ont. |
| Norgas Development Ltd. | Simcoe, Ont. |
| Nussbaum, N. | Port Huron, Mich. |
| O'Malley, Terence | Toronto, Ont. |
| Ontario Natural Gas Storage & Pipelines Ltd. | Chatham, Ont. |
| Ontoco Oil Ltd. | Sarnia, Ont. |
| Pennzoil Co. | Chatham, Ont. |
| Perdue, C. | Fort Erie, Ont. |
| Pere Marquette Petroleums | Toronto, Ont. |
| Peters, Warren O. | Jackson, Mich. |
| Petrol Oil & Gas Co., The | Calgary, Alta. |
| Place Gas & Oil Ltd. | Toronto, Ont. |
| Prosser, C. A. | Guelph, Ont. |
| Putman, S. J. | Kingsville, Ont. |
| Quillan, Boychuk and Associates | Chatham, Ont. |
| Ram Petroleums Ltd. | Toronto, Ont. |
| Ramsey, G. | Toronto, Ont. |
| Rawlings Drilling Co. Ltd. | Chatham, Ont. |
| Rawlings, F. S. | Chatham, Ont. |
| Rawlings, G. H. | Chatham, Ont. |
| Rayment, O. B. | Chatham, Ont. |
| Riddell, Byron | Highland Park, Mich. |
| Riddell Hanna Explorations Ltd. | Highland Park, Mich. |
| Roberts, C. H. | Coudersport, Penn. |
| Roth, E. A. | Petrolia, Ont. |
| Roth & Roth Ltd. | Petrolia, Ont. |
| Rowe, E. P. | Bright's Grove, Ont. |
| Sagadahoc Oil & Gas Corp. | San Francisco, Calif. |
| Salmer, H. J. | Chatham, Ont. |
| Scott, N. W. | Sault Ste. Marie, Ont. |
| Seynuck, T. | Acton, Ont. |
| Shackleton, G. A. | Chatham, Ont. |
| Shaw, A. | Toronto, Ont. |
| Shister, J. W. | Leamington, Ont. |
| Simpson, R. W. | Dresden, Ont. |
| Smith, G. | Windsor, Ont. |
| Space Petroleum Ltd. | Leamington, Ont. |
| Starlite Gas Co. | Lakeview, N.Y. |
| Stork, C. | Wardsville, Ont. |
| Subeo Ltd. | Toronto, Ont. |
| Sullivan, Kathleen | Highland Park, Mich. |
| Sylvester, Rose | Toronto, Ont. |
| Texaco Exploration Co. | Calgary, Alta. |
| Thomas, D. W. | Chatham, Ont. |
| Thompson, J. W. | Chatham, Ont. |
| Tirkanits, N. | Montreal, Que. |
| Townsend Oil & Gas | Toronto, Ont. |
| Tulgestke, I. | Taylor, Mich. |
| Tyrrill, K. W. | Fort Erie, Ont. |
| Underwater Gas Developers Ltd. | Port Alma, Ont. |
| Union Gas Co. of Canada | Chatham, Ont. |

TABLE XIX—PERSONS LICENCED TO LEASE GAS
OR OIL RIGHTS cont'd

| | |
|-------------------------------|----------------------|
| Victoria Algoma Mineral Co. | Toronto, Ont. |
| Western Albermont Petroleum | Calgary, Alta. |
| Western Decalta Petroleum | Calgary, Alta. |
| Willits, D. E. | Wardsville, Ont. |
| Wilton, H. R. | Chatham, Ont. |
| Wright, J. C. | Toronto, Ont. |
| Zenith Intern'l Petroleum Co. | Oklahoma City, Okla. |
| Zenmac Metal Mines Ltd. | Toronto, Ont. |

TABLE XX—PERSONS LICENCED TO PRODUCE GAS OR OIL

| | |
|-------------------------------------|------------------------|
| Addison, W. D. | Jarvis, Ont. |
| Anchor Petroleum Ltd. | Toronto, Ont. |
| Anthony Gas & Oil Explorations Ltd. | Acton, Ont. |
| Arno Mines Ltd. | Toronto, Ont. |
| Ashland Oil & Refining Co. | Evansville, Ind. |
| Ayrheart, Ellwood J. | Oil Springs, Ont. |
| Baslen Petroleum Ltd. | Chatham, Ont. |
| Becker, Dean | Lakeview, N.Y. |
| Benner, K. W. | Fisherville, Ont. |
| Big Seven Gas Syndicate | Fisherville, Ont. |
| Birchwood Petroleum Ltd. | Toronto, Ont. |
| Bluewater Oil & Gas Ltd. | Calgary, Alta. |
| Bolivar Gas Co. | Bolivar, N.Y. |
| Bova Gas & Development Co. | Buffalo, N.Y. |
| Bow Valley Leasing Ltd. | London, Ont. |
| Bowling, L. | New Orleans, Louisiana |
| BP Exploration Canada Ltd. | Calgary, Alta. |
| Bradford, W. D. | Chatham, Ont. |
| Bradley, M. | Petrolia, Ont. |
| Bradley Producing Corp., The | Wellsville, N.Y. |
| Brennan, H. J. | Bradford, Penna. |
| Buck, C. S. (Estate) | London, Ont. |
| Byers Bros. | Oil Springs, Ont. |
| Byers, I. | Oil Springs, Ont. |
| Camerina Petroleum Corp. | Houston, Texas |
| Canada-Cities Service | Evansville, Indiana |
| Central Pipe Line Co. | Aylmer, Ont. |
| Colborne Nat. Gas Syndicate | Stevensville, Ont. |
| Colonial Petroleum Ltd. | Chatham, Ont. |
| Comfort, N. E. | Chatham, Ont. |
| Compass Petroleum Ltd. | London, Ont. |
| Consolidated West Petroleum Ltd. | Port Alma, Ont. |
| Consumers' Gas Co., The | Toronto, Ont. |
| Copeland, R. N. | Petrolia, Ont. |
| Coronation Gas Syndicate | Stevensville, Ont. |
| Culver, Marvin | Selkirk, Ont. |
| D & M Syndicate | Fort Erie, Ont. |
| Daubaris, F. | Dunnville, Ont. |
| Demers, V. E. | Petrolia, Ont. |
| Dickout Bros. | Lowbanks, Ont. |
| Donald, R. | Petrolia, Ont. |
| Donolga Co. | Glen Ellen, Calif. |
| Eckford, A. C., & H. Ruetz | Petrolia, Ont. |
| Edward, F. H. (Estate) | Petrolia, Ont. |

TABLE XX—PERSONS LICENCED TO PRODUCE GAS OR OIL cont'd

| | |
|-------------------------------|---------------------|
| Emerson, R. | Dunnville, Ont. |
| Essex Gas & Oil Ltd. | Port Alma, Ont. |
| Fairbank, J. R. (Estate) | Petrolia, Ont. |
| Finney & Bushong | Plymouth, Mich. |
| Fisherville Gas Syndicate | Fisherville, Ont. |
| Fletcher, Eva | Binbrook, Ont. |
| Flood Oils Ltd. | Oil Springs, Ont. |
| Foreign Exploration Co. | Toronto, Ont. |
| Fox, E. S. | Welland, Ont. |
| Freeman Kersey Trust | Croton, Ont. |
| George, Anna | Fort Erie, Ont. |
| Glenard Ltd. | Simcoe, Ont. |
| Glenfred Gas Wells | Jarvis, Ont. |
| Godby, W. | Tillsonburg, Ont. |
| Grand River Gas Ltd. | Canfield, Ont. |
| Haldimand Gas & Oil Ltd. | Cayuga, Ont. |
| Highbank Oil Ltd. | Chatham, Ont. |
| Holmes, Mrs. D. E. | Bothwell, Ont. |
| House, C. C. (Estate) | Niagara Falls, Ont. |
| Huron Petroleum Ltd. | Chatham, Ont. |
| Imperial Oil Enterprises Ltd. | Chatham, Ont. |
| Imperial Oil Ltd. | Chatham, Ont. |
| Jackson, P. L. | Dunnville, Ont. |
| Kells, E. E. | Petrolia, Ont. |
| Keradec Petroleum Ltd. | Toronto, Ont. |
| Kerr, J. & J. Co. Ltd. | Petrolia, Ont. |
| Kodyen, E. A. | Bothwell, Ont. |
| Lake Erie Gas Co. | Toronto, Ont. |
| Lambton Oil Syndicate | St. Thomas, Ont. |
| Layton Gas & Oil Ltd. | Olean, N.Y. |
| Leesa Explorations Ltd. | Toronto, Ont. |
| Lejeune, L. F. | Fort Erie, Ont. |
| Lenna, R. A. | Chatham, Ont. |
| Lewis, W. G. | Oil Springs, Ont. |
| Lincoln Natural Gas Co. | Dunnville, Ont. |
| Linda Lee Gas Syndicate | Ridgeway, Ont. |
| M & A MacKenzie | Petrolia, Ont. |
| Marcus, L. A. | Wallacetown, Ont. |
| McPherson, R. L. Drilling Co. | Windsor, Ont. |
| Midcon Oil & Gas Ltd. | Chatham, Ont. |
| Mitchell, Chas. (Estate) | Oil Springs, Ont. |
| Mitchell, G. | Oil Springs, Ont. |
| Mitchell & Mitchell Prop. | Chatham, Ont. |
| Monarch Gas & Oil Syndicate | Fisherville, Ont. |
| Morningstar, L. | Oil Springs, Ont. |
| Morrison, Doris E. | Langton, Ont. |
| Mulgrave Gas Syndicate | Stevensville, Ont. |
| Murdoch, Watson | Dunnville, Ont. |
| Nauman, J. R. | Fisherville, Ont. |
| Neff, R. | Sherkston, Ont. |
| New Metalore Mining Co. Ltd. | Simcoe, Ont. |
| Newport Gas Syndicate | Fort Erie, Ont. |
| Niece Bros. | Lowbanks, Ont. |
| Nith River Petroleum Ltd. | Galt, Ont. |
| Norfolk Gas Pipeline Co. | Detroit, Mich. |

TABLE XX—PERSONS LICENCED TO PRODUCE GAS OR OIL cont'd

| | |
|-------------------------------------|----------------------|
| Norgas Development Ltd. | Simcoe, Ont. |
| N.Y.K. Oil (Canada) Ltd. | Oil Springs, Ont. |
| Nycan Gas Co. | N. Tonawanda, N.Y. |
| Ontario Natural Gas & Pipelines Co. | Chatham, Ont. |
| Ontoco Oil Ltd. | Sarnia, Ont. |
| Ort, C. H. | Chippawa, Ont. |
| Palsco & Marr | Wainfleet, Ont. |
| Pampu, G. J. | Glencoe, Ont. |
| Peacock Point Gas & Oil | Fisherville, Ont. |
| Pegg, L. R. | Morpeth, Ont. |
| Pennzoil Co. | Chatham, Ont. |
| Pere Marquette Petroleums | Toronto, Ont. |
| Petrol Oil & Gas Co. Ltd. | Calgary, Alta. |
| Place Gas & Oil Ltd. | Toronto, Ont. |
| Pope, W. | Bothwell, Ont. |
| Putman, S. J. | Kingsville, Ont. |
| Rae, R. | Stevensville, Ont. |
| Ram Petroleums Ltd. | Toronto, Ont. |
| Rayrock Mines Ltd. | Rodney, Ont. |
| Reid, E. W. | Petrolia, Ont. |
| Richmount Developments Ltd. | Ridgeway, Ont. |
| Riddell Hanna Explorations Ltd. | Highland Park, Mich. |
| Roberts, C. H. | Coudersport, Penna. |
| Roth & Roth Ltd. | Petrolia, Ont. |
| Ruegg Gas | Ridgeway, Ont. |
| R.V.R. Gas Syndicate | Ridgeway, Ont. |
| Sagadahoc Oil & Gas Corp. | Lakeville, Conn. |
| St. Denis, A. | Shetland, Ont. |
| Salina Gas & Oil | Chatham, Ont. |
| Shain, V. M. | Petrolia, Ont. |
| Sherk, Bert (Estate) | Stevensville, Ont. |
| Sider, A. & J. | Stevensville, Ont. |
| Sider, N. | Sherkston, Ont. |
| Simon, B. | Chippawa, Ont. |
| Sodom, L & A Syndicate | Ridgeway, Ont. |
| Space Petroleum Ltd. | Leamington, Ont. |
| Stafford, H. E. | St. Thomas, Ont. |
| Standard Gas & Oil Syndicate | Fisherville, Ont. |
| Starlite Gas Co. | Lakeview, N.Y. |
| Stevenson, Dorothy | Petrolia, Ont. |
| Stevenson, E. M. | Thamesville, Ont. |
| Stevensville Natural Gas & Fuel Co. | Stevensville, Ont. |
| Stewart, E. | Selkirk, Ont. |
| Stover, Jack | Ridgetown, Ont. |
| Subeo Ltd. | Willowdale, Ont. |
| Thompson, A. | Petrolia, Ont. |
| Tostik, Earl Oil Syndicate | Kerwood, Ont. |
| Trenton Gas & Oil Ltd. | Toronto, Ont. |
| Tri-County Gas & Oil Co., The | London, Ont. |
| Triad Oil Ltd. | Calgary, Alta. |
| Trio Gas Co. | Dunnville, Ont. |
| Tunks, J. | Bothwell, Ont. |
| Union Gas Co. | Chatham, Ont. |
| Wainfleet Oil & Gas Ltd. | Toronto, Ont. |
| Warwick, J. | Bothwell, Ont. |

TABLE XX—PERSONS LICENCED TO PRODUCE GAS OR OIL cont'd

| | |
|-----------------------------------|--------------------|
| Welland County Gas Syndicate..... | Stevensville, Ont. |
| Wellandport Gas Co..... | Dunnville, Ont. |
| Westwood, W..... | Dresden, Ont. |
| Whiteck Oil Ltd..... | Tupperville, Ont. |
| Whorton Associates..... | Wellsville, N.Y. |
| Willow Gas & Oil Co..... | Simcoe, Ont. |
| York Producing Co. Ltd..... | Wallaceburg, Ont. |
| Yuez Gas Co..... | Buffalo, N.Y. |
| Zenmac Metal Mines Ltd..... | Toronto, Ont. |

TABLE XXI—OWNERS OF LICENCED DRILLING MACHINES

| <i>Name</i> | <i>Address</i> | <i>No. of Rigs</i> |
|--------------------------------------|--------------------|--------------------|
| Canadian Longyear Ltd..... | North Bay, Ont. | 1 |
| Carter Development Co. Inc..... | Dayton, Ohio. | 1 |
| Central Pipe Line Co., The..... | Aylmer, Ont. | 1 |
| Cepco Drilling Ltd..... | St. Clair, Mich. | 2 |
| Chevalier & Tremblay Drilling..... | Chatham, Ont. | 3 |
| Corunna Petroleum Ltd..... | Corunna, Ont. | 1 |
| Culver Drilling Co. Ltd..... | Dunnville, Ont. | 3 |
| Demaray & Nichols..... | Strathroy, Ont. | 3 |
| Demers, V. E..... | Petrolia, Ont. | 1 |
| Earl, S..... | Kerrwood, Ont. | 3 |
| Faulkner Well Drilling Co..... | Peterborough, Ont. | 1 |
| General Drilling & Well Service..... | Port Lambton, Ont. | 1 |
| Glenfred Gas Wells Ltd..... | Jarvis, Ont. | 1 |
| Haldimand Gas & Oil Ltd..... | Cayuga, Ont. | 1 |
| Inspiration Ltd..... | North Bay, Ont. | 1 |
| Irving Drilling Co..... | Simcoe, Ont. | 2 |
| Jackson Co., P. L.,..... | Dunnville, Ont. | 1 |
| James Drilling Ltd..... | Wallaceburg, Ont. | 2 |
| Kiser, W. R.,..... | Chatham, Ont. | 1 |
| Lyons, S..... | Simcoe, Ont. | 1 |
| Mandley Drilling Contractors..... | Dunnville, Ont. | 2 |
| Marsh, W..... | Bothwell, Ont. | 1 |
| McClennon & Son L. H..... | Wellington, Ont. | 1 |
| McPherson Drilling Ltd., R. L..... | Windsor, Ont. | 1 |
| Mitchell, E..... | Jarvis, Ont. | 1 |
| Mohawk Drilling & Exp. Co..... | Burlington, Ont. | 1 |
| Montgomery Bros..... | Selkirk, Ont. | 1 |
| Nauman, J. R.,..... | Fisherville, Ont. | 1 |
| Place Gas & Oil Co..... | Toronto, Ont. | 2 |
| Quillan, Boychuk & Associates..... | Chatham, Ont. | 1 |
| Rawlings Drilling Co..... | Chatham, Ont. | 4 |
| Rose, W..... | Port Rowan, Ont. | 2 |
| Shaw, Harlow..... | Merlin, Ont. | 1 |
| Stevenson Drilling Co..... | Thamesville, Ont. | 1 |
| Stewart, E..... | Jarvis, Ont. | 1 |
| Stubble & Stubble Ltd..... | Merlin, Ont. | 2 |
| Thompson, Douglas..... | Nanticoke, Ont. | 1 |
| Underwater Gas Dev. Ltd..... | Port Alma, Ont. | 1 |
| Union Gas Co. of Canada Ltd..... | Chatham, Ont. | 8 |
| Wellington Newport..... | Wardsville, Ont. | 3 |
| Wright, Donald..... | Manitowaning, Ont. | 1 |

PART IV

GEOLOGICAL & COMPLETION DATA

The geological and completion data for each well drilled in 1967 is summarized on a well history card. Half-scale photographic reproductions of these cards appear in Part IV of this publication.

Prints of the original cards for 1967 as well as for previous years may be obtained at 25 cents each. Microfilm containing the well history cards for wells drilled up to December 31st, 1964 (approximately 12,000 wells) is available at a cost of \$100.

A brief explanation of the various items and abbreviations used is as follows:

WELL NAME: The official name of the well as issued on the Permit to Bore, Drill or Deepen a Well.

PERMIT No.: This number is assigned to the well location upon approval of the Application for a Permit to Bore, Drill or Deepen a Well. Where the original location is abandoned as a result of drilling or completion difficulties, and the rig is moved or "skidded" to a new location within the same drilling tract, the original Permit No. using the alphabetical suffix "A" will apply to the second well.

CLASSIFICATION: Each well is classified at the time the Application for a Permit to Bore, Drill or Deepen a Well is approved. This classification is based on the Lahee System introduced in 1939 by the American Association of Petroleum Geologists for world-wide usage. The definitions are based upon the degree of risks assumed by the operator who drills the tests.

The well categories of the Lahee System are defined as follows, including also, the abbreviations used in this report:

1. *Exploratory Category*

An Outpost or Extension Test (Expl.-Ext.) is located and drilled with the expectation of extending for a considerable distance the productive area of a partly developed pool. It is usually two or more locations distant from the nearest productive area. If it is successful in its original object, it will add materially to the productive area of the pool.

A Shallower-Pool Test (Expl.-S.P.T.) is exploratory only if drilled in search of some new productive reservoir, unknown but possibly suspected from data secured from other wells. The test must be located within the productive area of a pool or pools previously suspected to contain hydrocarbons.

A Deeper-Pool Test (Expl. D.P.T.) is an exploratory hole located within the productive area of a pool or pools already partly or wholly developed. It is drilled below the deepest such pool penetrated by it to explore for deeper, unknown prospects. Such a hole may extend to a deeper hole which had been partially developed in another part of the field.

A New-Pool Wildcat (Expl.-N.P.W.) is a well: (1) Located at a relatively considerable distance outside the limits of producing or producible pools as these limits are known at the time of drilling, and (2) Drilled on a structure or in a geologic environment where other pools have been found but where the complexities in the underground geological conditions

are so great that searching for a new pool is hazardous. The objective of a New-Pool Wildcat is the discovery of a new pool in a field already discovered.

A New-Field Wildcat (Expl.-N.F.W.) is a well: (1) Located at a relatively considerable distance outside the limits of producing or producible pools as these limits are known at the time of drilling, and (2) Drilled on a geologic structure or in a geologic environment where hydrocarbons have yet not been discovered. The objective of a New-Field Wildcat is the discovery of a new field.

2. Development Category

A Development Well (Dev.) is a well drilled with the object of further exploiting a hydrocarbon accumulation of a pool within the area which has already been essentially proved for production in this pool. Such a well may be inside the pool as already outlined by producing or producible wells, or it may be a relatively short distance outside these limits.

GEOGRAPHIC DESCRIPTION: Wells are listed alphabetically by County and Township and numerically by Lot and Concession. Abbreviations used for Concessions in this report are as follows:

| | |
|------|------------------------|
| NTR | North Talbot Road |
| STR | South Talbot Road |
| SDS | South of Dundas Street |
| EB | East Boundary |
| R5IR | Range 5 Indian Reserve |
| NER | North Egremont Road |
| SER | South Egremont Road |

CO-ORDINATES: Surveyed co-ordinates for all land wells are given in feet from lot lines, unless otherwise stated. Surveyed co-ordinates for Lake wells are recorded by latitude and longitude, in degrees, minutes and seconds. Latitude and longitude values for all land wells have also been determined and appear in this report.

ELEVATION: Ground elevation in feet above sea level plus number of feet to rig floor or kelly bushing.

SPUDDED: Date of spudding: The date that the actual drilling commenced.

COMPLETED: Date of completion; the date that drilling was completed and total depth was reached.

NATURAL FLOW: Initial oil and gas production rates prior to well treatment or stimulation.

FINAL RESULTS: Oil and gas production rates after treatment or stimulation.

FINAL STATUS: The status of the well after completion.

SAMPLES: Drill cutting samples are retained for all wells and are available for examination at—

Geological Survey of Canada,
601 Booth Street,
Ottawa 4, Canada.

CORES: The intervals cored are given and unless otherwise stated, the cores are stored at the Geological Survey of Canada in Ottawa.

GEOLOGY: The geological markers are supplied by Department Geologists. For each well the method used to determine these markers (samples, R/A log, etc.) is recorded. Unpublished operator geological markers are available from the Department on request.

The nomenclature used in this report is based on published descriptions of the various geological units and in accordance with the standards established by the Ontario Stratigraphic Committee.

REFERENCES:

- R. J. Beards Guide to the Subsurface Palaeozoic Stratigraphy of Southern Ontario, O.D.E.R.M. Paper 67-2.
B. V. Sanford Sources and Occurrences of Oil and Gas in the Sedimentary Basins of Ontario. Map 1062A.
C. G. Winder Lexicon of Palaeozoic Names in Southwestern Ontario.

LOGGING RECORD: The type of logs taken at the well, the interval and the logging company are recorded using the following abbreviations:

| | |
|------|------------------------------|
| CALP | Caliper |
| CONL | Contact |
| DENL | Density, Gamma Gamma Density |
| GACP | Gamma Collar Perforation |
| GRDL | Guard |
| IES | Induction |
| R/A | Gamma Ray-Neutron |
| RIRS | Radioactive Tracer |
| TEMP | Temperature |
| VELS | Velocity |
| 3-DV | 3-D Velocity |
| BIRD | Birdwell |
| GRGS | Great Guns Surveys |
| WELX | Welex |

DEEPENING: For those wells deepened in 1967 the complete well record is included.

GEOGRAPHICAL INSPECTION AREAS: Southwestern Ontario is divided into six geographical inspection areas. Applications for a Permit to Bore, Drill or Deepen a Well within these areas should be forwarded to the area Petroleum Resources Inspector.

These areas, shown in figure 5, have the following district offices:

- | | |
|--|---|
| 1. R.R. #3 Merlin, Ontario | 4. General Delivery Canborough, Ontario |
| 2. Box 268 Thamesville, Ontario | 5. 121 Gardiner Avenue East Dunnville, Ontario |
| 3. 386 Norfolk Street South Simcoe, Ontario | |

All other inquiries should be directed to
Petroleum Resources Section,
Department of Energy and Resources Management,
880 Bay Street,
Toronto, Ontario.

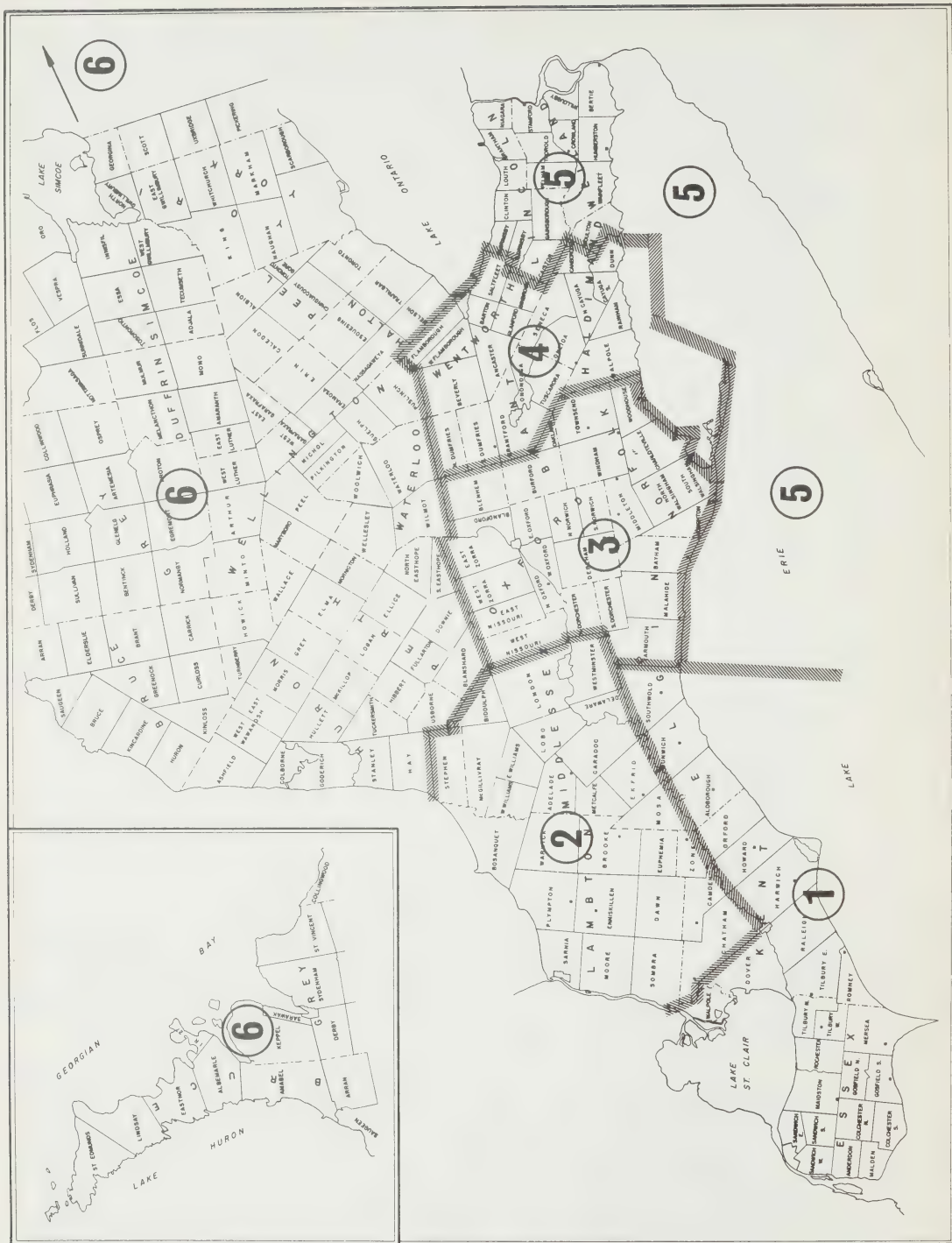


Figure 5 — Geographical Inspection Areas

ALPHABETICAL INDEX OF WELLS

Well Name

| | |
|---|-----|
| Allied Chemical N-4..... | 47 |
| Altair et al W. Wawanosh 8-16-VIII..... | 57 |
| Altair et al W. Wawanosh 17-VIII..... | 57 |
| Atlas Lake Erie No. 1..... | 48 |
| Atlas Lake Erie No. 2..... | 49 |
| Atlas Lake Erie No. 3..... | 49 |
| Atlas Lake Erie No. 4..... | 50 |
| Atlas Lake Erie No. 5..... | 50 |
| Atlas Lake Erie No. 6..... | 51 |
| Ayrheart No. 1..... | 67 |
| Banner Compass Biddulph 10-II..... | 83 |
| Banner Compass Biddulph 11-II..... | 84 |
| Banner Compass Caradoc 3-I-IX..... | 84 |
| Banner Compass Metcalfe 3-20-XII..... | 87 |
| Banner Compass Metcalfe 5-2-V..... | 87 |
| Banner Compass McGillivray 16-IV..... | 85 |
| Banner Compass McGillivray 16-IVA..... | 86 |
| Banner Compass McGillivray 16-IVB..... | 86 |
| G. Bayes No. 2..... | 52 |
| Bluewater et al Dunwich 1-16-III..... | 41 |
| Bowling No. 1 - Lysy..... | 41 |
| W.D. Bradford No. 2 Dawn 22-I..... | 63 |
| Capital-Aberdeen-Enniskillen 23-VIII..... | 67 |
| Capital-Brett-Enniskillen No. 2..... | 68 |
| Collingwood Explorations No. 1..... | 114 |
| Consumers' No. 10,000..... | 115 |
| Consumers' Gas No. 11942..... | 109 |
| Consumers' Gas No. 11943..... | 112 |
| Consumers' Gas No. 11945..... | 113 |
| Consumers' Gas No. 11952..... | 116 |
| Consumers' Gas No. 11957..... | 117 |
| Consumers' Gas No. 11958..... | 117 |
| Consumers' Gas No. 12022..... | 114 |
| Consumers' Gas No. 12023..... | 51 |
| Consumers' Gas No. 12024..... | 118 |
| Consumers' Gas No. 12044..... | 56 |
| Consumers' Gas No. 12416..... | 118 |
| Consumers' Gas No. 12417..... | 113 |
| Consumers' Gas No. 12935..... | 119 |
| Consumers Pan Am 13001..... | 105 |
| Consumers Pan Am 13002..... | 42 |
| Consumers Pan Am 13003..... | 43 |
| Consumers Pan Am 13304..... | 43 |
| Consumers Pan Am 13005..... | 44 |
| Consumers Pan Am 13008..... | 44 |
| Consumers Pan Am 13309..... | 45 |
| Consumers Pan Am 13017..... | 45 |
| Consumers Pan Am 13020..... | 46 |
| Consumers Pan Am 13021..... | 106 |
| Consumers Pan Am 13022..... | 46 |
| Consumers Pan Am 13023..... | 47 |
| C-B-H Enniskillen 31-VII..... | 69 |
| Corden, Beard, Harmon Moore 11-XI..... | 69 |
| C.B. & H. McGillivray4-XXVI..... | 85 |

ALPHABETICAL INDEX OF WELLS Cont'd.

Well Name

| | |
|---|-----|
| C.W.P. Kent 67 L.E. 64 | 61 |
| C.W.P. Kent 67 L.E. 65 | 62 |
| C.W.P. Kent 67 L.E. 66 | 62 |
| C.W.P. Malden No. 1 15-I | 48 |
| Dickie Bros. No. 1 | 53 |
| Dow Brine Well No. 35 | 74 |
| Dow Brine Well No. 36 | 75 |
| Gibraltar No. 12-Moore 28-II | 76 |
| Gibraltar 14-Moore 27-II | 75 |
| Haldimand Gas No. 485 | 54 |
| Haldimand Gas No. 486 | 54 |
| Haldimand Gas No. 487 | 53 |
| Haldimand Gas No. 488 | 55 |
| Haldimand Gas No. 489 | 52 |
| Imperial Corunna No. 23 | 73 |
| I.O.E. Moore 17-I | 70 |
| I.O.E. Sarnia Ref. Fuel Gas-Cavern 6 | 77 |
| I.O.E.L. Banner Moore 18-I | 71 |
| I.O.E.L. Banner Moore 18-IA | 71 |
| I.O.E.L. Banner Moore 24-V | 74 |
| I.O.E.L. Sombra 1-10-XIV | 77 |
| I.O.E.L. Sombra 6-10-XV | 78 |
| I.O.E.L. Sombra 12-XIII | 78 |
| I.O.E.L. Sombra 21-XII | 79 |
| I.O.E.L. Union Enniskillen 4-3-XIV | 65 |
| I.O.E.L. Warwick 27-II S.E.R. | 82 |
| I.O.L. Orford Source Well No. 1 | 59 |
| James Bay et al Warwick 2-10-IV | 81 |
| Kenartha No. 1 | 119 |
| Lake Erie Gas-Charlottesville No. 1 | 88 |
| Lake Erie Gas-Charlottesville No. 2 | 89 |
| Lake Erie Gas-Townsend No. 1 | 100 |
| Lake Erie Gas-Townsend No. 2 | 101 |
| Lake Erie Gas-Townsend No. 3 | 102 |
| Lake Erie Gas-Townsend No. 4 | 102 |
| Lake Erie Gas-Townsend No. 5 | 103 |
| Lake Erie Gas-Townsend No. 6 | 101 |
| Lenna No. 3, Sombra 28-VIII | 80 |
| Mesa Petroleum 7-17-VIII | 58 |
| Edward Montague No. 1 | 55 |
| New Associated Developments No. 4 | 97 |
| New Assoc. Dev. No. 5 Aldborough 4-II | 40 |
| New Metalore No. 19 | 94 |
| New Metalore No. 20 | 92 |
| New Metalore No. 21 | 95 |
| New Metalore No. 22 | 90 |
| New Metalore No. 23 | 93 |
| New Metalore No. 25 | 90 |
| Pennzoil No. 7 West Williams 16-X | 88 |
| Place Charlottesville L.E. No. 2 | 106 |
| Place Charlottesville L.E. No. 5 | 107 |
| Place Charlottesville L.E. No. 8 | 107 |
| Place Charlottesville L.E. No. 11 | 108 |

ALPHABETICAL INDEX OF WELLS Cont'd.

Well Name

| | |
|---|-----|
| Place Charlotteville L.E. No. 14 | 108 |
| Alvin Putman No. 1 | 116 |
| Putnam-Bedosti No. 1 | 61 |
| Putnam R. Sterling No. 1 | 60 |
| Realoil No. 1 Sombra 25-VI | 80 |
| Realoil No. 2 Sombra 4-20-X | 79 |
| Reliance No. 1 Plympton 24-II | 76 |
| Reliance No. 2 Warwick 11-V NER | 81 |
| Roberts-Sagadahoc No. 28 | 96 |
| Roberts-Sagadahoc No. 28A | 96 |
| Roberts-Sagadahoc No. 29 | 91 |
| Roberts-Sagadahoc No. 30 | 89 |
| Roberts-Sagadahoc No. 31 | 94 |
| Roberts-Sagadahoc No. 32 | 92 |
| Roberts-Sagadahoc No. 33 | 93 |
| Roberts-Sagadahoc No. 34 | 91 |
| Roberts-Sagadahoc No. 35 | 97 |
| Seemack et al Yarmouth 1-V | 42 |
| Selwyn, 67-2-4 | 112 |
| William Shepherd No. 1 | 95 |
| Stanley Stewart No. 1 | 58 |
| Star Chemical No. 1 | 56 |
| Subeo A.A. No. 1 | 110 |
| Subeo C.H. No. 2 | 111 |
| Subeo C.H. No. 3 | 111 |
| Subeo C.H. No. 4 | 109 |
| Subeo C.H. No. 5 | 110 |
| Subeo "S.S." No. 11-Old Irish No. 3 | 98 |
| Subeo "Short Stuff" No. 9 | 99 |
| Subeo "Short Stuff" No. 10 | 99 |
| Subeo "Short Stuff" No. 12 | 98 |
| Subeo "Short Stuff" No. 13 | 100 |
| Sylvester No. 1 | 115 |
| Tecumseh Kimball-Colinville No. 7 | 73 |
| Tecumseh Kimball-Colinville No. 8 | 72 |
| Tecumseh Kimball-Colinville No. 9 | 70 |
| Tecumseh Kimball-Colinville No. 10 | 72 |
| Texaco No. 4 Home C.D.R. Bruce 1-VIII | 40 |
| Texaco No. 5 et al Orford 63 NTR | 60 |
| Teunis No. 1 | 82 |
| Townsend Oil & Gas-Townsend No. 1 | 103 |
| Townsend Oil & Gas-Townsend No. 2 | 105 |
| Townsend Oil & Gas-Townsend 67-3 | 104 |
| Townsend Oil & Gas-Townsend 67-4 | 104 |
| Union Dawn No. 239 | 64 |
| Union Dawn No. 240 | 64 |
| Union Dawn No. 241 | 63 |
| Union-Enniskillen No. 44 | 68 |
| Union-Enniskillen No. 45 | 65 |
| Union-Enniskillen No. 46 | 66 |
| Union-Enniskillen No. 47 | 66 |
| Westwood No. 25 | 59 |
| Thomas Wright No. 1 | 83 |

PERMIT NUMBER INDEX OF WELLS

Wells are listed in order of Permit Number. Those wells for which a Permit to Drill, Bore and Deepen was issued but not used are shown as cancellations.

Permit No. Well Name

| | | |
|-------|--|-----------|
| 22121 | I.O.L. Orford Source Well No. 1..... | 59 |
| 22137 | Putman-Bedosti No. 1..... | 61 |
| 22138 | Stanley Stewart No. 1..... | 58 |
| 22160 | Edward Montague No. 1..... | 55 |
| 22212 | Alvin Putman No. 1..... | 116 |
| 22218 | Star Chemical No. 1..... | 56 |
| 22231 | Consumers' No. 10,000..... | 115 |
| 22234 | William Shepherd No. 1..... | 95 |
| 22235 | Altair et al W. Wawanosh 17-VIII..... | 57 |
| 22236 | Imperial Corunna No. 23..... | 73 |
| 22237 | James Bay et al Warwick 2-10-IV..... | 81 |
| 22238 | Texaco No. 4 Home C.D.R. Bruce 1-VIII..... | 40 |
| 22239 | Teunis No. 1..... | 82 |
| 22240 | Consumers' No. 11943..... | 112 |
| 22241 | I.O.E. Disposal Moore 48 Front..... | CANCELLED |
| 22242 | Selwyn 67-2-4..... | 112 |
| 22244 | Lake Erie Gas-Townsend No. 1..... | 100 |
| 22245 | New Associated Developments No. 4..... | 97 |
| 22246 | Seemack et al Yarmouth 1-V..... | 42 |
| 22247 | Roberts-Sagadahoc No. 29..... | 91 |
| 22248 | Union Dawn No. 239..... | 64 |
| 22249 | Consumers' No. 11945..... | 113 |
| 22250 | Altair et al W. Wawanosh 8-16-VIII..... | 47 |
| 22260 | Pennzoil No. 7 West Williams 16-X..... | 88 |
| 22261 | Gibraltar No. 12-Moore 28-II..... | 76 |
| 22262 | Bowling No. 1-Lysy..... | 41 |
| 22263 | I.O.E. Moore 17-I..... | 70 |
| 22264 | Consumers' No. 12022..... | 114 |
| 22265 | Bluewater et al Dunwich 1-16-III..... | 41 |
| 22266 | Consumers' Gas No. 11942..... | 109 |
| 22267 | New Metalore No. 20..... | 92 |
| 22268 | Putman R. Sterling No. 1..... | 60 |
| 22269 | Subeo C.H. No. 2..... | 111 |
| 22270 | Gibraltar 14-Moore 27-II..... | 75 |
| 22271 | Lake Erie Gas-Townsend No. 2..... | 101 |
| 22272 | Consumers' No. 12023..... | 51 |
| 22273 | Tecumseh Kimball Colinvile No. 7..... | 73 |
| 22274 | Tecumseh Kimball Colinvile No. 8..... | 72 |
| 22286 | Subeo "Short Stuff" No. 9..... | 99 |
| 22287 | New Metalore No. 19..... | 94 |
| 22288 | Roberts-Sagadahoc No. 28..... | 96 |

PERMIT NUMBER INDEX OF WELLS (Cont.)

Permit No. Well Name

| | | |
|-------|---|-----------|
| 2288A | Roberts-Sagadahoc No. 28A..... | 96 |
| 2289 | Texaco No. 5 et al Orford 63 NTR..... | 60 |
| 2290 | Union Dawn No. 240..... | 64 |
| 2291 | Consumers' No. 12044..... | 56 |
| 2292 | Sylvester No. 1..... | 115 |
| 2293 | Haldimand Gas No. 486..... | 54 |
| 2294 | C-B-H Enniskillen 31-VII..... | 69 |
| 2295 | New Assoc. Dev. No. 5 Alborough 4-II..... | 40 |
| 2296 | I.O.E.L. Sombra 6-10-XV..... | 78 |
| 2297 | Consumers' No. 11950..... | CANCELLED |
| 2298 | Consumers' No. 11951..... | CANCELLED |
| 2299 | Consumers' No. 11952..... | 116 |
| 2300 | Consumers' No. 11953..... | CANCELLED |
| 2306 | Collingwood Explorations No. 1..... | 114 |
| 2307 | Haldimand Gas No. 485..... | 54 |
| 2308 | G. Bayes No. 2..... | 52 |
| 2309 | Consumers' No. 11954..... | CANCELLED |
| 2310 | Consumers' No. 11955..... | CANCELLED |
| 2311 | Consumers' No. 11956..... | CANCELLED |
| 2312 | Consumers' No. 11958..... | 117 |
| 2313 | Consumers' No. 12024..... | 118 |
| 2314 | Roberts-Sagadahoc No. 30..... | 89 |
| 2315 | Lake Erie Gas-Townsend No. 3..... | 102 |
| 2316 | Lake Erie Gas-Townsend No. 4..... | 102 |
| 2317 | C.W.P. Kent 67 LE. 64..... | 61 |
| 2318 | Tecumseh Kimball-Colinville No. 9..... | 70 |
| 2319 | Tecumseh Kimball-Colinville No. 10..... | 72 |
| 2320 | Lenna No. 3, Sombra 28-VIII..... | 80 |
| 2321 | Consumers' No. 12416..... | 118 |
| 2322 | Lake Erie Gas-Townsend No. 5..... | 103 |
| 2323 | Place Charlotteville L.E. No. 2..... | 106 |
| 2324 | C.W.P. Kent 67 L.E. 65..... | 62 |
| 2325 | Subeo C.H. No. 3..... | 111 |
| 2326 | Subeo A.A. No. 1..... | 110 |
| 2327 | Thomas Wright No. 1..... | 83 |
| 2328 | Union-Enniskillen No. 44..... | 68 |
| 2329 | C.W.P. Kent 67 L.E. 66..... | 62 |
| 2330 | Union-Dawn No. 241..... | 63 |
| 2331 | I.O.E. Sarnia Ref. Fuel Gas-Cavern 6..... | 77 |
| 2332 | Consumers Pan Am 13001..... | 105 |
| 2333 | Consumers Pan Am 13002..... | 42 |
| 2334 | Consumers Pan Am 13003..... | 43 |
| 2335 | Consumers Pan Am 13004..... | 43 |
| 2336 | Consumers Pan Am 13005..... | 44 |
| 2337 | Consumers Pan Am 13006..... | CANCELLED |

PERMIT NUMBER INDEX OF WELLS (Cont.)

Permit No. Well Name

| | | |
|-------|---|-----------|
| 2338 | Consumers Pan Am 13007..... | CANCELLED |
| 2339 | Consumers Pan Am 13008..... | 44 |
| 2340 | Consumers Pan Am 13009..... | 45 |
| 2341 | Consumers Pan Am 13010..... | CANCELLED |
| 2342 | Consumers Pan Am 13011..... | CANCELLED |
| 2343 | Roberts-Sagadahoc No. 31..... | 94 |
| 2344 | Westwood No. 25..... | 59 |
| 2345 | I.O.E.L. Union Enniskillen 4-3-XIV..... | 65 |
| 2346 | Consumers Pan Am 13012..... | CANCELLED |
| 2347 | Kenartha No. 1..... | 119 |
| 2348 | Consumers' No. 11957..... | 117 |
| 2349 | C.B.&H. McGillivray 4-XXVI..... | 85 |
| 2350 | Banner Compass McGillivray 16-IV..... | 85 |
| 2350A | Banner Compass McGillivray 16-IVA..... | 86 |
| 2350B | Banner Compass McGillivray 16-IVB..... | 86 |
| 2351 | Banner Compass Biddulph 11-II..... | 84 |
| 2352 | I.O.E.L. Warwick 27-II S.E.R..... | 82 |
| 2353 | Reliance No. 1 Plympton 24-II..... | 76 |
| 2354 | Reliance No. 2 Warwick 11-V NER..... | 81 |
| 2355 | Lake Erie Gas-Charlottesville No. 1..... | 88 |
| 2356 | Haldimand Gas No. 487..... | 53 |
| 2357 | Roberts-Sagadahoc No. 32..... | 92 |
| 2358 | Consumers' No. 12935..... | 119 |
| 2360 | I.O.E.L. Sombra 1-10-XIV..... | 77 |
| 2361 | New Metalore No. 21..... | 95 |
| 2362 | Dickie Brothers No. 1..... | 53 |
| 2363 | Banner Compass Metcalfe 5-2-V..... | 87 |
| 2364 | W.D. Bradford No. 2 Dawn 22-I..... | 63 |
| 2365 | Lake Erie Gas Charlottesville No. 2..... | 89 |
| 2366 | New Metalore No. 22..... | 90 |
| 2367 | Subeo C.H. No. 4..... | 109 |
| 2368 | Realoil No. 1 Sombra 25-VI..... | 80 |
| 2369 | Atlas Lake Erie No. 1..... | 48 |
| 2371 | Banner Compass Metcalfe 3-20-XII..... | 87 |
| 2372 | Place L.E. Charlottesville No. 5..... | 107 |
| 2373 | Atlas Lake Erie No. 5..... | 50 |
| 2374 | New Metalore No. 23..... | 93 |
| 2376 | Banner Compass Caradoc 3-I-IX..... | 84 |
| 2378 | Atlas Lake Erie No. 2..... | 49 |
| 2380 | Mesa Petroleum 7-17-VIII..... | 58 |
| 2381 | Capital-Aberdeen-Enniskillen 23-VIII..... | 67 |
| 2382 | Atlas Lake Erie No. 3..... | 49 |
| 2383 | Subeo S.S. No. 10..... | 99 |
| 2384 | Roberts-Sagadahoc No. 33..... | 93 |

PERMIT NUMBER INDEX OF WELLS (Cont.)

Permit No. Well Name

| | | |
|-------|--|-----------|
| 2385 | Place Charlotteville L.E. No. 8..... | 107 |
| 2386 | Consumers' No. 12417..... | 113 |
| 2387 | Haldimand Gas No. 488..... | 55 |
| 2388 | Subeo C.H. No. 5..... | 110 |
| 2389 | Lake Erie Gas Townsend No. 6..... | 101 |
| 2390 | Atlas Lake Erie No. 4..... | 50 |
| 2391 | Corden, Beard, Harmon Moore 11-XI..... | 69 |
| 2392 | I.O.E.L. Sombra 12-XIII..... | 78 |
| 2393 | Place Charlotteville L.E. No. 11..... | 108 |
| 2394 | Atlas Lake Erie No. 6..... | 51 |
| 2395 | Consumers Pan Am 13017..... | 45 |
| 2396 | Consumers Pan Am 13020..... | 46 |
| 2397 | Consumers Pan Am 13021..... | 106 |
| 2398 | Consumers Pan Am 13016..... | CANCELLED |
| 2399 | Haldimand Gas No. 489..... | 52 |
| 2400 | Ayrheart No. 1..... | 67 |
| 2401 | Consumers Pan Am 13022..... | 46 |
| 2402 | Place Charlotteville L.E. No. 14..... | 108 |
| 2403 | Subeo "S.S." No. 11-Old Irish No. 3..... | 98 |
| 2404 | Roberts-Sagadahoc No. 34..... | 91 |
| 2405 | Roberts-Sagadahoc No. 35..... | 97 |
| 2406 | Townsend Oil & Gas-Townsend No. 1..... | 103 |
| 2407 | Townsend Oil & Gas-Townsend No. 2..... | 105 |
| 2408 | C.W.P. Malden No. 1 15-I..... | 48 |
| 2409 | I.O.E.L. Sombra 21-XII..... | 79 |
| 2410 | Capital-Brett-Enniskillen No. 2..... | 68 |
| 2411 | Union-Enniskillen No. 45..... | 65 |
| 2412 | Union-Enniskillen No. 46..... | 66 |
| 2413 | Atlas Lake Erie No. 7..... | CANCELLED |
| 2414 | Banner Compass Biddulph 10-II..... | 83 |
| 2417 | I.O.E.L. Banner Moore 18-I..... | 70 |
| 2417A | I.O.E.L. Banner Moore 18-IA..... | 70 |
| 2418 | Consumers Pan Am No. 13023..... | 47 |
| 2419 | Subeo "Short Stuff" No. 12..... | 98 |
| 2420 | I.O.E.L. Banner Moore 24-V..... | 74 |
| 2421 | Townsend Oil & Gas Townsend 67-3..... | 104 |
| 2422 | Townsend Oil & Gas Townsend 67-4..... | 104 |
| 2423 | Realoil No. 2 Sombra 4-20-X..... | 79 |
| 2425 | Subeo "S.S." No. 13..... | 100 |
| 2429 | Union Enniskillen No. 47..... | 66 |
| 2430 | New Metalore No. 25..... | 90 |
| N/A | Allied Chemical N-4..... | 47 |
| N/A | Dow Brine Well No. 35..... | 74 |
| N/A | Dow Brine Well No. 36..... | 75 |

COUNTY: ELGIN TOWNSHIP: YARMOUTH
WELL NAME: Seemack et al Yarmouth 1-V

LOT: 1

CONCESSION: V
PERMIT No. 2246

YEAR: 1967

CLASS: Expl.-N.E.W. -IND.

FINAL STATUS: Dry Hole - Abandoned

COUNTY: Elgin TOWNSHIP: Yarmouth

CONC: V PERMIT No. 2246

WELL NAME: Seemack et al Yarmouth 1-V

TOTAL DEPTH: 465'

OPERATOR: Seemack Oil & Gas Limited, London

COORDINATES: (C.T.) ELEVATION: 7261+21

PRINTER: Sydney Earl, Kermood

GEOLOGIST: R. J. Barnds (samples)

GEOLOGICAL FORMATIONS

1670'S. of N. Lot Line
1300' W. of E. Lot Line

DEPT

2 304

PORT LAMTON

LONG. 86°12'35"W
SHOULDER: March 7, 1967

KETTIE POINT

306 34

HAULTON

COMPLETED: April 3, 1967
ABANDONED: April 20, 1967

COLUMBUS

340 90

DUNDRE

SAMPLES IN OTTAWA: Yes

DETROIT RIVER

DEPT: 354

BOIS BLANC

302-051

OSHSKANY

Fresh

BASS ISLAND

50'

SALINA

LEVEL FROM SURF.

UPPER SALT BEDS

FLOW

SIZE

WEIGHT

"C" UNIT

10 3/4 40#

"B" UNIT

8 5/8 24

"A2" UNIT

324' Shoe

"A1" UNIT

324'

ROCHER

108

CLINTON

181

THOROLD

1829

ONKAY

1839

CATACT

1850

QUERSTON

1907

MALCOLM-DUNDAS

1907

COILINGWOOD

1907

TEINTON

1907

REVERED

1907

CONROCK

1907

BLACK RIVER

1907

SHADOW LAKE

1907

CAMERIAN

1907

PRECAMBRIAN

1907

TOTAL DEPTH (SAMPLES)

465

TRIAMMENT

1907

* Left in for water well

1907

FINAL RESULTS

1907

OIL

1907

GAS

1907

PRESSURE

1907

1907

1907

1907

1907

1907

1907

1907

1907

1907

1907

1907

9-7 ORDER NO. 432114

COUNTY: ELGIN TOWNSHIP: OFFSHORE
WELL NAME: Consumers' Pan Am 13002

LOT:

CONCESSION: Offshore - Malahide
Permit No. 2333

YEAR: 1967

CLASS: Expl.-N.E.W. -IND.

FINAL STATUS: Dry Hole-Abandoned

COUNTY: Elgin TOWNSHIP: Offshore

CONC: Offshore-Malahide

WELL NAME: Consumers' Pan Am 13002

PERMIT No. 2333

OPERATOR: Consumers' Gas Company, Toronto

TOTAL DEPTH: 1993'

PRINTER: Consumers' Gas Co., Toronto (R)

ELEVATION: 5691+30'

GEOLOGIST: R. J. Barnds (R.A. 13002)

COORDINATES

GEOLOGICAL FORMATIONS

42°17'30"N

DEPT

30 74

PORT LAMTON

104 181

KETTIE POINT

285 222

HAULTON

507 171

DUNDRE

678 194

DETROIT RIVER

872 49

BOIS BLANC

921 10

OSHSKANY

931 151

BASS ISLAND

1082 372

SALINA

1107 1198

UPPER SALT BEDS

1107 1198

SIZE

WEIGHT

"C" UNIT

10 3/4 40.5#

"B" UNIT

8 5/8 24

"A2" UNIT

345'

"A1" UNIT

101'

ROCHER

1438

CLINTON

1452

THOROLD

1454

ONKAY

1454

CATACT

1454

QUERSTON

1454

MALCOLM-DUNDAS

1454

COILINGWOOD

1454

TEINTON

1454

REVERED

1454

CONROCK

1454

BLACK RIVER

1454

SHADOW LAKE

1454

CAMERIAN

1454

PRECAMBRIAN

1454

TOTAL DEPTH (SAMPLES)

1995

TRIAMMENT

1995

* Left in for water well

1995

FINAL RESULTS

1995

OIL

1995

GAS

1995

PRESSURE

1995

1995

1995

1995

1995

1995

1995

1995

1995

1995

1995

1995

COUNTY: ELGIN TOWNSHIP, LAKE ERIE LOT: CONCESSION/Offshore-Yarmouth YEAR: 1967
WELL NAME: Consumers' Pan Am 13005 PERMIT No. 2336

| CLASS: | Exp'l.-N.E.W. | FIELD: | FINAL STATUS: | Drill Hole - Abandoned |
|-----------------------|---|--------------|---------------|------------------------------|
| COUNTY: | Elgin | TOWNSHIP: | Lake Erie | CONCESSION/Offshore-Yarmouth |
| WELL NAME: | Consumers' Pan Am 13005 | PERMIT NO.: | 2336 | |
| OPERATOR: | Consumers' Gas Company, Toronto | TOTAL DEPTH: | 1660' | |
| DRILLER: | Underwater Gas Developers Ltd., Toronto (R) | ELEVATION: | 570'+28' | |
| GEOLOGIST: | R.J. Beards (R/A Loc) | COORDINATES: | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. | |
| Lake | 28 | 56 | | |
| DEPT LAMTON | 84 | 179 | | |
| KEELE POINT | 263 | 122 | | |
| HAMILTON | 385 | 128 | | |
| DUNFEE | | | | |
| COLUMBUS | | | | |
| DETROIT RIVER | Lucas | 513 | 62 | |
| XXXVMA Amherstburg | 575 | 150 | | |
| BOIS BLANC | 725 | 43 | | |
| ORISKANY | | | | |
| BASS ISLAND | 768 | 105 | | |
| SALINA | 873 | 437 | | |
| UPPER SALT BEDS | | | | |
| "E" Unit | 898 | | | |
| "F" Unit | 996 | | | |
| "G" Unit | | | | |
| "H" Unit | | | | |
| "I" Unit | | | | |
| "J" Unit | | | | |
| "K" Unit | | | | |
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| "NU" Unit | | | | |

COUNTY: ELGIN
WELL NAME: Consumers' Pan Am 13009

TOWNSHIP: LAKE ERIE
Pan Am 13009

LOT:

CONCESSION: Offshore-Aldborough
PERMIT No. 2340

YEAR: 1967

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|---|---------------------|--|------|------------------------------------|--|
| CLASS: Expl.-N.E.W. Field | | TOWNSHIP: Lake Erie | | FINAL STATUS: Oil Show - Abandoned | |
| COUNTRY: Elgin | TOWNSHIP: Lake Erie | | LOT: | CONC: Offshore Aldborough | |
| WELL NAME: Consumers' Pan Am 13009 | | TOTAL DEPTH: 2167' | | PERMIT No. 2340 | |
| OPERATOR: Consumers' Gas Company, Toronto | | BRIER: Underwater Gas Developers, Ltd., Sheraton (P) 1691+281' | | COORDINATES: | |
| GEOLOGICAL FORMATIONS: (R.A. 100) | | TOP | | ELEV. | |
| THICK | | LAT | | LONG | |
| Lake | | 42°26'12"N | | 81°03'10"W | |
| DEPT | | SPUDDED: May 27, 1967 | | COMPLETED: June 12, 1967 | |
| PORT LATION | | ABANDONED: June 12, 1967 | | SAMPLES IN OTTAWA: Yes | |
| KETE POINT | | HAZARD: Yes | | TRAY No. 6290 | |
| DUINDE | | COLUMBUS | | VARIATION RECORD | |
| DETROIT RIVER | | JANUARY 1967 | | DEPT | |
| BOIS BLANC | | NO RECORD | | TYPE | |
| BOIS BLANC | | NO RECORD | | LEVEL FROM SURF | |
| BOIS BLANC | | NO RECORD | | FLOW | |
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COUNTY: ELGIN TOWNSHIP: LAKE ERIE
WELL NAME: Consumers' Pan Am 13020

LOT:

CONCESSION: Offshore Bayham
PERMIT No. 2396

YEAR: 1967

| CLASS: | Exol-N-F-W, FIELD | FINAL STATUS: | Dr. Hole - Abandoned |
|------------------------------------|---|---------------|----------------------|
| COUNTY: | Elgin | TOWNSHIP: | Lake Erie |
| WELL NAME: | Consumers' Pan Am 13020 | PERMIT No.: | 2396 |
| OPERATOR: | Consumers' Gas Company, Toronto | TOTAL DEPTH: | 1765' |
| DRILLER: | Underwater Gas Developers Ltd., Toronto (R) | ELEVATION: | 570'+28' |
| GEOLOGIST: | R.I. Beards (R.A. Lloyd) | COORDINATES: | |
| GEOLOGICAL FORMATIONS | | | |
| | TOP | REV. | THICK |
| Lake | 28 | | 65 |
| DEPT | 93 | | 253 |
| PORT LAMTON | | | |
| KETTE POINT | | | |
| HAUGHTON | 346 | | 118 |
| DUNDIE | 464 | | 170 |
| COLUMBUS | | | |
| DETROIT RIVER | | | |
| BOIS BLANC | 634 | | 119 |
| ORISKANY | 753 | | 4 |
| BASS ISLAND | 757 | | 36 |
| SALINA | 793 | | 123 |
| | 916 | | 398 |
| UPPER SALT BEDS | | | |
| "E" Unit | 945 | | |
| "F" Unit | 1038 | | |
| "C" UNIT | | | |
| "B" UNIT | 1145 | | |
| "A2" UNIT | 1227 | | |
| "A1" UNIT | 1234 | | |
| "A1" UNIT | 1291 | | |
| EVAPORITE | 1297 | | |
| QUENSTON - LOCKPORT | | | |
| ROCHESTER | 1314* | | 234 |
| IRONDQUOINT | 1548 | | 59 |
| REYNOLDS | 1607 | | 5 |
| THOROLD | 1612 | | 7 |
| ORISKANY | 1617 | | 43 |
| CAROT HEAD | 1667 | | 65 |
| MANITOWLIN | 1732 | | 11 |
| WHIRPOOL | 1743 | | 2 |
| QUENSTON - DUNDAS | 1745 | | 20+ |
| COLEMANWOOD | | | |
| CONCORD | | | |
| SHEWAN FALL | | | |
| KIRKFIELD | | | |
| CONCORD | | | |
| GULL RIVER | | | |
| SHADOW LAKE | | | |
| CAMERIAN | | | |
| PRECAMBRIAN | | | |
| TOTAL DEPTH (SAMPLES) | 1765 | | |
| TRAVELING | | | |
| * Goat Island 1402'; Gasport 1426' | | | |
| FINAL RESULTS | | | |
| | OIL | | |
| | NLI | | |
| | NLI | | |
| | PRESSURE | | |

COUNTY: ELGIN TOWNSHIP: LAKE ERIE
WELL NAME: Consumers' Pan Am 13022

LOT:

CONCESSION: Offshore-Bayham
PERMIT No. 2401

YEAR: 1967

| CLASS: | Exol-N-F-W, FIELD | FINAL STATUS: | Gas Producer |
|---|---|---------------|--------------|
| COUNTY: | Elgin | TOWNSHIP: | Lake Erie |
| WELL NAME: | Consumers' Pan Am 13022 | PERMIT No.: | 2401 |
| OPERATOR: | Consumers' Gas Company, Toronto | TOTAL DEPTH: | 1946' |
| DRILLER: | Underwater Gas Developers Ltd., Toronto (R) | ELEVATION: | 570'+28' |
| GEOLOGIST: | R.I. Beards (R.A. Lloyd) | COORDINATES: | |
| GEOLOGICAL FORMATIONS | | | |
| | TOP | REV. | THICK |
| Lake | 28 | | 67 |
| DEPT | 93 | | 198 |
| PORT LAMTON | | | |
| KETTE POINT | 293 | | 209 |
| HAUGHTON | 502 | | 353 |
| DUNDIE | | | |
| COLUMBUS | | | |
| DETROIT RIVER | | | |
| BOIS BLANC | 855 | | 62 |
| ORISKANY | | | |
| BASS ISLAND | 917 | | 127 |
| SALINA | 1044 | | 376 |
| UPPER SALT BEDS | | | |
| "E" Unit | 1070 | | |
| "F" Unit | 1164 | | |
| "C" UNIT | | | |
| "B" UNIT | 1272 | | |
| "A2" UNIT | 1347 | | |
| "A1" UNIT | 1351 | | |
| "A1" UNIT | 1402 | | |
| EVAPORITE | 1406 | | |
| QUENSTON - LOCKPORT | | | |
| ROCHESTER | 1418 | | 243 |
| IRONDQUOINT | 1420* | | 119 |
| REYNOLDS | 1663 | | 2 |
| THOROLD | 1782 | | 14 |
| ORISKANY | 1784 | | 5 |
| CAROT HEAD | 1798 | | 40 |
| MANITOWLIN | 1803 | | 89 |
| WHIRPOOL | 1843 | | 7 |
| QUENSTON - DUNDAS | 1932 | | 2 |
| COLEMANWOOD | 1935 | | 5+ |
| CONCORD | 1941 | | |
| SHEWAN FALL | | | |
| KIRKFIELD | | | |
| CONCORD | | | |
| GULL RIVER | | | |
| SHADOW LAKE | | | |
| CAMERIAN | | | |
| PRECAMBRIAN | | | |
| TOTAL DEPTH (SAMPLES) | 1946 | | |
| TRAVELING | | | |
| Sect 19/67; DST No. 1 1763'-1863' IS1 60, VO 10, 15 | | | |
| Sect 120, 0.5' MC/D, Reg. 1 bbl. 0, IHP 979, | | | |
| ISIP 827, IEP 325, FEP 325, FSIP 960 | | | |
| Sect 21/67 DST No. 2, 1793'-1830' IS1 60, VO 15, | | | |
| ISIP 60, gas 785 Mc/D, Reg. 6510, 65' FWM, | | | |
| IHP 780, ISIP 814, IEP 334, FEP 156, FSIP 812, (over) | | | |
| FINAL RESULTS | | | |
| | OIL | | |
| | Show | | |
| | 750 Mc/D | | |
| | 795 DSIG | | |

COUNTY: ELGIN TOWNSHIP, LAKE ERIE LOT: CONCESSION: Offshore Bayham YEAR: 1973
WELL NAME: Consumers' Pan Am No. 13023 PERMIT No. 2418

| CLASS: | EXPL - N.E.W. FIELD | FINAL STATUS: | Gas Show - Abandoned |
|--|------------------------------------|---------------|----------------------|
| COUNTY: | ELGIN | TOWNSHIP: | Lake Erie |
| WELL NAME: | Consumers' Pan Am No. 13023 | LOT: | CONC. 111-1-1-1 |
| OPERATOR: | Consumers' Gas Company, Toronto | PERMIT No.: | 2418 |
| DRILLER: | Stubble & Stubble Ltd., London (R) | TOTAL DEPTH: | 1865' |
| GEOLOGIST: | R. J. Beards (R.A. 100) | ELEVATION: | 570.5+30' |
| COORDINATES: | | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK |
| 1.300' | 3' | 7.6 | |
| DRIFT | 102' | 308 | |
| FOR LAMSON | | | |
| KETTER POINT | 410 | 192 | |
| HAULTON | 602 | 144 | |
| DUNDIE | | | |
| COLLINS | 746 | 7 | |
| DETROIT RIVER | 753 | 105 | |
| 33KPM Amherstburg | 858 | 44 | |
| BOIS BLANC | | | |
| ORISKANY | | | |
| BAISS ISLAND | | | |
| SALINA | 1021 | 114 | |
| UPPER SLT HOS | | | |
| "H" Unit | 1047 | | |
| "E" Unit | 1141 | | |
| "C" Unit | 1247 | | |
| "B" Unit | 1324 | | |
| "A2" Unit | 1340 | | |
| "A1" Unit | 1384 | | |
| "A1" Unit | 1388 | | |
| "A1" Unit | 1402* | | |
| QUENBY - LOCKPORT | 1601 | 199 | |
| ROCHESTER | | | |
| IRONDEQUOT | 1700 | 5 | |
| RENAISSANCE | 1705 | 13 | |
| THOROLD | 1718 | 26 | |
| GRANBY | 1744 | 81 | |
| CAROT HEAD | 1833 | 11 | |
| ANTHOLIN | 1843 | 2 | |
| WHIRLPOOL | 1846 | 19 | |
| QUENBY | | | |
| MEYER-DUNDAS | | | |
| COLLINSWOOD | | | |
| CONROUG | | | |
| SHEWAN FALL | | | |
| KIRKFIELD | 1864'-0' | R/A-BIRD | 1865' |
| CONROUG | 1863'-400' | DENT-BIRD | 1865' |
| QUIL RIVER | 1852'-100' | CRDE-BIRD | 1865' |
| SHADOW LAKE | | | |
| CAMERLIN | | | |
| PRECAMERLIN | | | |
| TOTAL DEPTH (SAMPLES) | 1865 | | |
| TREATMENT | FINAL RESULTS | | |
| Nov 12/67: DSI No. 1 1700'-1745' ISL 60, VO 10, 60 FSI 60, Gas 12 Mcf/D, Rec 50 W, IHP 767, ISIP 804, FFP 30, FSP 792, FHP 773 *Firmosa 1417: Gasport 1055 | | | |
| | OIL | NIL | |
| | GAS | SHOW | |
| | PRESSURE | | |

COUNTY: ESSEX TOWNSHIP: ANDERSON LOT: 31 CONCESSION: I N/A YEAR: 1967
WELL NAME: Allied Chemical N-4 PERMIT No. N/A

| CLASS: | Essex | FINAL STATUS: | Brine Well |
|-----------------------|---|---------------|------------|
| COUNTY: | Essex | TOWNSHIP: | Anderson |
| WELL NAME: | Allied Chemical N-4 | LOT: | 31 |
| OPERATOR: | Allied Chemical of Canada Ltd., Amherstburg | PERMIT No.: | N/A |
| DRILLER: | Stubble & Stubble Ltd., Merlin (C.I.) | TOTAL DEPTH: | 1225' |
| GEOLOGIST: | R. J. Beards (R.A. 100) | ELEVATION: | 533+4' |
| COORDINATES: | | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK |
| 1.225' | 4 | 54 | |
| DRIFT | | | |
| FOR LAMSON | | | |
| KETTER POINT | | | |
| HAULTON | | | |
| DUNDIE | | | |
| COLLINS | 58 | 68 | |
| DETROIT RIVER | 126 | 25 | |
| 33KPM Amherstburg | 391 | 57 | |
| BOIS BLANC | | | |
| ORISKANY | 443 | 184 | |
| BAISS ISLAND | 632 | 573 | |
| SALINA | | | |
| UPPER SLT HOS | | | |
| "H" Unit | 653 | | |
| "E" Unit | 763 | | |
| "C" Unit | 908 | | |
| "B" Unit | 1015 | | |
| "A2" Unit | 1186 | | |
| "A1" Unit | 1205 | 20 | |
| "A1" Unit | | | |
| "A1" Unit | | | |
| QUENBY - LOCKPORT | | | |
| ROCHESTER | | | |
| IRONDEQUOT | | | |
| RENAISSANCE | | | |
| THOROLD | | | |
| GRANBY | | | |
| CAROT HEAD | | | |
| ANTHOLIN | | | |
| WHIRLPOOL | | | |
| QUENBY | | | |
| MEYER-DUNDAS | | | |
| COLLINSWOOD | | | |
| CONROUG | | | |
| SHEWAN FALL | | | |
| KIRKFIELD | 1225'-0' | R/A-WELX | 1225' |
| CONROUG | 1223'-1050' | DENT-WELX | 1225' |
| QUIL RIVER | | | |
| SHADOW LAKE | | | |
| CAMERLIN | | | |
| PRECAMERLIN | | | |
| TOTAL DEPTH (SAMPLES) | 1225 | | |
| TREATMENT | FINAL RESULTS | | |
| | OIL | NIL | |
| | GAS | NIL | |
| | PRESSURE | | |

COUNTY: ESSEX TOWNSHIP: MALDEN
WELL NAME: C.W.P. Malden No. 1

LOT: 15

CONCESSION: I
PERMIT No. 2408

YEAR: 1967

| | | | | |
|---|---|-------|------------------------------------|--|
| CLASS: Expl.-F.W. FIELD | TOWNSHIP: Malden | | FINAL STATUS: Gas Show - Abandoned | |
| COUNTY: Essex | TOWNSHIP: Malden | | LOT: 15 CONC. I | |
| WELL NAME: C.W.P. Malden No. 15-1 | OPERATOR: Consolidated West Petroleum Ltd Port Alma | | PERMIT No. 2408 | |
| DRIER: Rawlings Drilling Co. Ltd., Chatham | GEOLOGIST: R.J. Beards (samples) | | TOTAL DEPTH: 3001' | |
| CO-ORDINATES: 5021'S. of Hwy. 18 750'W. of E. Lot Line | ELEVATION: 576'+5' | | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. | |
| DIRT | | | 47 | |
| PORT LAMBERTON | 5 | | | |
| KETTIE POINT | | | | |
| HAMILTON | | | | |
| DUNDEE | | | | |
| COLUMBUS | | | | |
| ROCHESTER | Lucas | | 52 | |
| BOIS BLANC | Amherstburg | | 104 | |
| ORISKANY | | | 304 | |
| BASS ISLAND | | | 330 | |
| SALINA | | | 485 | |
| UPPER SALT BEDS | | | 539 | |
| "E" Unit | | | 500 | |
| "C" Unit | | | 590 | |
| "B" Unit | | | 740 | |
| "A2" Unit | | | 848 | |
| "A1" Unit | | | 875 | |
| ANHYDRITE | | | 956 | |
| CARBONATE | | | 966 | |
| EVAPORITE | | | 1024 * | |
| DIRT - LOCKPORT | | | 1368 | |
| ROCHESTER | | | | |
| CLINTON | | | | |
| REYNOLDS | | | | |
| THOROLD | | | | |
| GRIMES | | | | |
| CAROT HEAD | | | | |
| MANTOUILLIN | | | | |
| WHIRLPOOL | | | | |
| QUERSTEN | | | | |
| MALDEN-DUNDAS | | | | |
| COLUMBWOOD | | | | |
| COBOLDO | | | | |
| SHEWAN FALL | | | | |
| KIRKFIELD | | | | |
| COBOCONK | | | | |
| GULL RIVER | | | | |
| SHADOW LAKE | | | | |
| CAMBRIAN | | | | |
| PRECAMBRIAN | | | | |
| TOTAL DEPTH (SAMPLES) | 3001 | | | |
| TREATMENT | | | | |
| * Etamose 10701; Gasport 12331 | | | | |
| OIL | | | | |
| GAS | | | | |
| PRESSURE | | | | |
| FINAL RESULTS | | | | |

O.P. ORDER No. 64-2018

COUNTY: ESSEX TOWNSHIP: LAKE ERIE
WELL NAME: Atlas Lake Erie No. 1

LOT:

CONCESSION: Offshore Mersea
PERMIT No. 2369

YEAR: 1967

| | | |
|---|---------------------------------------|--------------------------------|
| CLASS: Expl.-N.E.W. Field | TOWNSHIP: Lake Erie | FINAL STATUS: Gas Producer |
| COUNTY: Essex | WELL NAME: Atlas Lake Erie No. 1 | CONC. Offshore Mersea |
| OPERATOR: Atlas Explorations Limited, Chatham | DRIER: Hollis IV Limited, Chatham (R) | PERMIT No. 2369 |
| GEOLOGIST: R.J. Beards (Den Log) | CO-ORDINATES: | TOTAL DEPTH: 1018'; BED: 1007' |
| GEOLOGICAL FORMATIONS | ELEVATION: 570'+28' | |
| TOP ELEV. THICK. | | |
| Lake | 28 | 37 |
| DIRT | | |
| PORT LAMBERTON | | |
| KETTIE POINT | | |
| HAMILTON | | |
| DUNDEE | 65 | 61 |
| COLUMBUS | | |
| ROCHESTER | Lucas | 79 |
| BOIS BLANC | Amherstburg | 205 |
| ORISKANY | | 281 |
| BASS ISLAND | | 303 |
| SALINA | | 467 |
| UPPER SALT BEDS | | 503 |
| "E" Unit | | 495 |
| "C" Unit | | 602 |
| "B" Unit | | 740 |
| "A2" Unit | | 850 |
| "A1" Unit | | 880 |
| ANHYDRITE | | 935 |
| EVAPORITE | | 951 |
| DIRT - LOCKPORT | | 970 |
| ROCHESTER | | 467 |
| CLINTON | | |
| REYNOLDS | | |
| THOROLD | | |
| GRIMES | | |
| CAROT HEAD | | |
| MANTOUILLIN | | |
| WHIRLPOOL | | |
| QUERSTEN | | |
| MALDEN-DUNDAS | | |
| COLUMBWOOD | | |
| COBOLDO | | |
| SHEWAN FALL | | |
| KIRKFIELD | | |
| COBOCONK | | |
| GULL RIVER | | |
| SHADOW LAKE | | |
| CAMBRIAN | | |
| PRECAMBRIAN | | |
| TOTAL DEPTH (SAMPLES) | 1016 | |
| TREATMENT | | |
| July 16/67: DST No. 1 992'-1000' 1ST 30, 75 VO 20, 75 FSP 75, GAS 1070 MC/D, HP 314, FHP 328, 247 FHP 253, 236 ISIP 412, FSP 414, FHP 502 | | |
| OIL | | |
| GAS | | |
| PRESSURE | | |
| FINAL RESULTS | | |

| | | | |
|----------|----------|----------------|---------|
| LOG | INTERVAL | LOGGING RECORD | LOG TD. |
| 1014'-0' | DENL-WEX | 1016' | |
| INTERVAL | TYPE | | |
| N/A | | | |
| INTERVAL | NO. | INTERVAL | |
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COUNTY: HALDIMAND TOWNSHIP: NORTH CAYUGA
WELL NAME: Dickie Brothers No. 1

LOT: 34

CONCESSION: II S.T.R.
PERMIT No. 2362

YEAR: 1967

| CLASS: | Development | REG. | HALDIMAND | FINAL STATUS: | Gas Producer |
|------------------------|------------------------------------|---------------|--------------|---------------|--------------|
| COUNTY: | Halldimand | TOWNSHIP: | North Cayuga | CONC. | I S.T.R. |
| WELL NAME: | Dickie Brothers No. 1 | LOT: | 34 | PERMIT No. | 2362 |
| OPERATOR: | John Dickie, R.R.No.3, Cayuga | CO-ORDINATES: | | | |
| DRIER: | McDonnery Brothers, Selkirk (C.I.) | ELEVATION: | 618'±1' | | |
| GEOLOGIST: | R.J. Beards (samples) | | | | |
| GEOLOGICAL FORMATIONS: | | TOP | | THICK | |
| DIRT | | | | | |
| PORT LAMBERT | | | | | |
| KETTIE POINT | | | | | |
| DUNDEE | | | | | |
| COLUMBUS | | | | | |
| DENVER RIVER | | | | | |
| STUYVENA | | | | | |
| BOIS BLANC | | | | | |
| ORISKANY | | | | | |
| BASS ISLAND | | | | | |
| SALINA | | | | | |
| UPPER SALT BEDS | | | | | |
| "E" UNIT | | | | | |
| "F" UNIT | | | | | |
| "G" UNIT | | | | | |
| "H" UNIT | | | | | |
| "I" UNIT | | | | | |
| "J" UNIT | | | | | |
| "K" UNIT | | | | | |
| "L" UNIT | | | | | |
| "M" UNIT | | | | | |
| "N" UNIT | | | | | |
| "O" UNIT | | | | | |
| "P" UNIT | | | | | |
| "Q" UNIT | | | | | |
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| CLASS | Development | IND | PRODUCER | FINAL STATUS | Gas Show - | Abandoned | | | | | |
|-----------------------|---|------------|--|--------------------|------------------------|------------------------|---------|-----------------|-----|------|--|
| COUNTY: | Haldimand | TOWNSHIP: | North Cayuga | LOT | 38 | PERMIT No. 2307 | | | | | |
| WELL NAME: | Haldimand Gas No. 485 | OPERATOR: | Haldimand Gas & Oil Wells Ltd., Cayuga | TOTAL DEPTH: | 824' | REVISION: 6581+1' | | | | | |
| DRILLER: | Haldimand Gas & Oil Ltd., Cayuga (C.I.) | GEOLOGIST: | R.J. Beards (samples) | COORDINATES: | 1780'S. of N. Lot Line | 1000'E. of W. Lot Line | | | | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. | | | | | | | | |
| DRIFT | | | | LAT. | 42° 55' 14" N. | | | | | | |
| PORT LAMON | 1 | | 9 | LONG. | 79° 52' 47" W. | | | | | | |
| KETTER POINT | | | | SPUNDED: | December 5, 1966 | | | | | | |
| HAULTON | | | | COMPLETED: | February 13, 1967 | | | | | | |
| DUNDIE | | | | ABANDONED: | | | | | | | |
| COLUMBUS | | | | SAMPLES IN OTTAWA: | Yes | TAX No. 6921 | | | | | |
| DETROIT RIVER | | | | DEPTH | 31' | TYPE | Fresh | LEVEL FROM SURF | 20' | FLOW | |
| STEVANIA | | | | DEPTH | 114' | TYPE | Sulphur | LEVEL FROM SURF | 20' | FLOW | |
| BOIS BLANC | | | | DEPTH | 25' | TYPE | | LEVEL FROM SURF | | FLOW | |
| ONSKAY | | | | DEPTH | 40' | TYPE | | LEVEL FROM SURF | | FLOW | |
| BASS ISLAND | | | | DEPTH | 65' | TYPE | | LEVEL FROM SURF | | FLOW | |
| UPPER SALT BEDS | | | | DEPTH | 180' | TYPE | | LEVEL FROM SURF | | FLOW | |
| "E" Unit | | | | DEPTH | 265' | TYPE | | LEVEL FROM SURF | | FLOW | |
| "F" Unit | | | | DEPTH | 372' | TYPE | | LEVEL FROM SURF | | FLOW | |
| "G" Unit | | | | DEPTH | 374' | TYPE | | LEVEL FROM SURF | | FLOW | |
| "H" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "I" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "J" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "K" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "L" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "M" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "N" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "O" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "P" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "Q" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "R" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "S" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "T" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "U" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "V" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "W" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "X" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "Y" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "Z" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AA" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AB" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AC" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AD" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AE" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AF" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AG" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AH" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AI" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AJ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AK" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AL" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AM" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AN" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AO" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AP" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AQ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AR" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AS" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AT" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AU" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AV" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AW" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AX" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AY" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "AZ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BA" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BB" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BC" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BD" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BE" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BF" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BG" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BH" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BI" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BJ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BK" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BL" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BM" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BN" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BO" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BP" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BQ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BR" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BS" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BT" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BU" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BV" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BW" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BX" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BY" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "BZ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CA" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CB" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CC" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CD" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CE" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CF" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CG" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CH" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CI" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CJ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CK" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CL" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CM" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CN" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CO" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CP" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CQ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CR" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CS" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CT" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CU" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CV" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CW" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CX" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CY" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "CZ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DA" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DB" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DC" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DD" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DE" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DF" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DG" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DH" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DI" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DJ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DK" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DL" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DM" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DN" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DO" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DP" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DQ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DR" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DS" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DT" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DU" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DV" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DW" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DX" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DY" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "DZ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EA" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EB" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EC" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "ED" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EE" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EF" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EG" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EH" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EI" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EJ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EK" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EL" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EM" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EN" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EO" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EP" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EQ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "ER" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "ES" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "ET" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EU" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EV" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EW" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EX" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EY" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "EZ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FA" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FB" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FC" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FD" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FE" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FF" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FG" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FH" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FI" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FJ" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FK" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FL" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FM" Unit | | | | DEPTH | | TYPE | | LEVEL FROM SURF | | FLOW | |
| "FN" Unit | | | | DEPTH</ | | | | | | | |

COUNTY: HALDIMAND TOWNSHIP: RAINHAM
WELL NAME: Haldimand Gas No. 488

LOT: 8 CONCESSION: VI
PERMIT No. 2387

YEAR: 1967

| CLASS: | Development | FIELD: | Haldimand | FINAL STATUS: | Gas Producer |
|------------------------|--|-------------|-----------|---------------|--------------|
| COUNTRY: | Haldimand | TOWNSHIP: | Rainham | LOT: | 8 |
| CONC: | VI | PERMIT No.: | 2387 | | |
| WELL NAME: | Haldimand Gas No. 488 | | | | |
| OPERATOR: | Haldimand Gas & Oil Wells Ltd., Cayuga (C.I. Division) | | | | |
| DRILLER: | Haldimand Gas & Oil Wells Ltd., Cayuga (C.I. Division) | | | | |
| GEOLOGIST: | R. J. Beards (Samples) | | | | |
| COORDINATES: | 43°01' N. of E. Lot Line 330' W. of E. Lot Line | | | | |
| GEOLOGICAL FORMATIONS: | | TOP | ELEV. | THICK | |
| DIRT | | 1 | | 9 | |
| PORT LAMBTON | | | | | |
| KETTER POINT | | | | | |
| HAULTON | | | | | |
| DUNDAS | | | | | |
| COLUMBUS | | | | | |
| DETROIT RIVER | | | | | |
| BOIS BLANC | | | | | |
| ORISKANY | | | | | |
| SAULTY | | | | | |
| UPPER SALT BEDS | | | | | |
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COUNTY: HASTINGS TOWNSHIP: TYENDINAGA LOT: 15 CONCESSION: III N. YEAR: 1967
WELL NAME: Consumers' No. 12044 PERMIT No. 2291

FINAL STATUS: Strat. Test - Abandoned

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| COUNTY: | KENT | TOWNSHIP: | ORFORD | LOT: | 57 | CONCESSION: | S.T.R. | YEAR: | 1967 |
| WELL NAME: | I.O.L. Orford Source Well No. 1 | | | | PERMIT No. 2121 | | | | |

[illegible]

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|---|------------------|--------------------|--------------------------------------|------------|
| COUNTY: KENT | TOWNSHIP: ORFORD | LOT: 63 | CONCESSION: N.T.R. | YEAR: 1967 |
| WELL NAME: Texaco No. 5 et al Orford 63 MTR | | | PERMIT No. 2229 | |
| CLASS: Exol - N.F.W. FIELD | TOWNSHIP: Orford | CONC: N.T.R. | INITIAL STATUS: Gas Show - Abandoned | |
| COUNTY: Kent | LOT: 63 | PERMIT No. 2229 | | |
| WELL NAME: Texaco No. 5 et al Orford 63 MTR | | TOTAL DEPTH: 4169' | | |
| OPERATOR: Texaco Drilling Co. Ltd. Calgary, Alberta | | ELEVATION: 690'±5' | | |
| DRILLER: Rawlings Drilling Co. Ltd. Chatham (CT) | | | | |
| GEOLOGIST: R.J. Beards (R.A. 100) | | | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK | |
| DIRT | | | | |
| PORT LAMTON | 5 | | 159 | |
| KETTIE POINT | 164 | | 106 | |
| HAULTON | 324 | | 62 | |
| DUNNE | 546 | | 162 | |
| COLUMBUS | | | | |
| DETROIT RIVER | 714 | | 83 | |
| STUYVIA/Ambersburg | 797 | | 170 | |
| BOIS BLANC | 967 | | 145 | |
| ORISKANY | 1112 | | 16 | |
| BASS ISLAND | 1128 | | 114 | |
| SALINA | 1242 | | 548 | |
| UPPER SALT BEDS | | | | |
| "E" Unit | 1265 | | | |
| "F" Unit | 1374 | | | |
| "G" Unit | 1488 | | | |
| "H" Unit | 1572 | | | |
| "I" Unit | 1586 | | | |
| "J" Unit | 1655 | | | |
| "K" Unit | 1659 | | | |
| "L" Unit | 1740 | | | |
| "M" Unit | 2062 | | | |
| "N" Unit | 2101 | | | |
| "O" Unit | 2105 | | | |
| "P" Unit | 2135 | | | |
| "Q" Unit | 2155 | | | |
| "R" Unit | 2177 | | | |
| "S" Unit | 2187 | | | |
| "T" Unit | 2203 | | | |
| "U" Unit | 2233 | | | |
| "V" Unit | 2253 | | | |
| "W" Unit | 2277 | | | |
| "X" Unit | 2317 | | | |
| "Y" Unit | 2337 | | | |
| "Z" Unit | 2357 | | | |
| "AA" Unit | 2377 | | | |
| "AB" Unit | 2397 | | | |
| "AC" Unit | 2417 | | | |
| "AD" Unit | 2437 | | | |
| "AE" Unit | 2457 | | | |
| "AF" Unit | 2477 | | | |
| "AG" Unit | 2497 | | | |
| "AH" Unit | 2517 | | | |
| "AI" Unit | 2537 | | | |
| "AJ" Unit | 2557 | | | |
| "AK" Unit | 2577 | | | |
| "AL" Unit | 2597 | | | |
| "AM" Unit | 2617 | | | |
| "AN" Unit | 2637 | | | |
| "AO" Unit | 2657 | | | |
| "AP" Unit | 2677 | | | |
| "AQ" Unit | 2697 | | | |
| "AR" Unit | 2717 | | | |
| "AS" Unit | 2737 | | | |
| "AT" Unit | 2757 | | | |
| "AU" Unit | 2777 | | | |
| "AV" Unit | 2797 | | | |
| "AW" Unit | 2817 | | | |
| "AX" Unit | 2837 | | | |
| "AY" Unit | 2857 | | | |
| "AZ" Unit | 2877 | | | |
| "BA" Unit | 2897 | | | |
| "BB" Unit | 2917 | | | |
| "BC" Unit | 2937 | | | |
| "BD" Unit | 2957 | | | |
| "BE" Unit | 2977 | | | |
| "BF" Unit | 2997 | | | |
| "BG" Unit | 3017 | | | |
| "BH" Unit | 3037 | | | |
| "BI" Unit | 3057 | | | |
| "BJ" Unit | 3077 | | | |
| "BK" Unit | 3097 | | | |
| "BL" Unit | 3117 | | | |
| "BM" Unit | 3137 | | | |
| "BN" Unit | 3157 | | | |
| "BO" Unit | 3177 | | | |
| "BP" Unit | 3197 | | | |
| "BQ" Unit | 3217 | | | |
| "BR" Unit | 3237 | | | |
| "BS" Unit | 3257 | | | |
| "BT" Unit | 3277 | | | |
| "BU" Unit | 3297 | | | |
| "BV" Unit | 3317 | | | |
| "BW" Unit | 3337 | | | |
| "BX" Unit | 3357 | | | |
| "BY" Unit | 3377 | | | |
| "BZ" Unit | 3397 | | | |
| "CA" Unit | 3417 | | | |
| "CB" Unit | 3437 | | | |
| "CC" Unit | 3457 | | | |
| "CD" Unit | 3477 | | | |
| "CE" Unit | 3497 | | | |
| "CF" Unit | 3517 | | | |
| "CG" Unit | 3537 | | | |
| "CH" Unit | 3557 | | | |
| "CI" Unit | 3577 | | | |
| "CJ" Unit | 3597 | | | |
| "CK" Unit | 3617 | | | |
| "CL" Unit | 3637 | | | |
| "CM" Unit | 3657 | | | |
| "CN" Unit | 3677 | | | |
| "CO" Unit | 3697 | | | |
| "CP" Unit | 3717 | | | |
| "CQ" Unit | 3737 | | | |
| "CR" Unit | 3757 | | | |
| "CS" Unit | 3777 | | | |
| "CT" Unit | 3797 | | | |
| "CU" Unit | 3817 | | | |
| "CV" Unit | 3837 | | | |
| "CW" Unit | 3857 | | | |
| "CX" Unit | 3877 | | | |
| "CY" Unit | 3897 | | | |
| "CZ" Unit | 3917 | | | |
| "DA" Unit | 3937 | | | |
| "DB" Unit | 3957 | | | |
| "DC" Unit | 3977 | | | |
| "DD" Unit | 3997 | | | |
| "DE" Unit | 4017 | | | |
| "DF" Unit | 4037 | | | |
| "DG" Unit | 4057 | | | |
| "DH" Unit | 4077 | | | |
| "DI" Unit | 4097 | | | |
| "DJ" Unit | 4117 | | | |
| "DK" Unit | 4137 | | | |
| "DL" Unit | 4157 | | | |
| "DM" Unit | 4177 | | | |
| "DN" Unit | 4197 | | | |
| "DO" Unit | 4217 | | | |
| "DP" Unit | 4237 | | | |
| "DQ" Unit | 4257 | | | |
| "DR" Unit | 4277 | | | |
| "DS" Unit | 4297 | | | |
| "DT" Unit | 4317 | | | |
| "DU" Unit | 4337 | | | |
| "DV" Unit | 4357 | | | |
| "DW" Unit | 4377 | | | |
| "DX" Unit | 4397 | | | |
| "DY" Unit | 4417 | | | |
| "DZ" Unit | 4437 | | | |
| "EA" Unit | 4457 | | | |
| "EB" Unit | 4477 | | | |
| "EC" Unit | 4497 | | | |
| "ED" Unit | 4517 | | | |
| "EE" Unit | 4537 | | | |
| "EF" Unit | 4557 | | | |
| "EG" Unit | 4577 | | | |
| "EH" Unit | 4597 | | | |
| "EI" Unit | 4617 | | | |
| "EJ" Unit | 4637 | | | |
| "EK" Unit | 4657 | | | |
| "EL" Unit | 4677 | | | |
| "EM" Unit | 4697 | | | |
| "EN" Unit | 4717 | | | |
| "EO" Unit | 4737 | | | |
| "EP" Unit | 4757 | | | |
| "EQ" Unit | 4777 | | | |
| "ER" Unit | 4797 | | | |
| "ES" Unit | 4817 | | | |
| "ET" Unit | 4837 | | | |
| "EU" Unit | 4857 | | | |
| "EV" Unit | 4877 | | | |
| "EW" Unit | 4897 | | | |
| "EX" Unit | 4917 | | | |
| "EY" Unit | 4937 | | | |
| "EZ" Unit | 4957 | | | |
| "FA" Unit | 4977 | | | |
| "FB" Unit | 4997 | | | |
| "FC" Unit | 5017 | | | |
| "FD" Unit | 5037 | | | |
| "FE" Unit | 5057 | | | |
| "FF" Unit | 5077 | | | |
| "FG" Unit | 5097 | | | |
| "FH" Unit | 5117 | | | |
| "FI" Unit | 5137 | | | |
| "FJ" Unit | 5157 | | | |
| "FK" Unit | 5177 | | | |
| "FL" Unit | 5197 | | | |
| "FM" Unit | 5217 | | | |
| "FN" Unit | 5237 | | | |
| "FO" Unit | 5257 | | | |
| "FP" Unit | 5277 | | | |
| "FQ" Unit | 5297 | | | |
| "FR" Unit | 5317 | | | |
| "FS" Unit | 5337 | | | |
| "FT" Unit | 5357 | | | |
| "FU" Unit | 5377 | | | |
| "FV" Unit | 5397 | | | |
| "FW" Unit | 5417 | | | |
| "FX" Unit | 5437 | | | |
| "FY" Unit | 5457 | | | |
| "FZ" Unit | 5477 | | | |
| "GA" Unit | 5497 | | | |
| "GB" Unit | 5517 | | | |
| "GC" Unit | 5537 | | | |
| "GD" Unit | 5557 | | | |
| "GE" Unit | 5577 | | | |
| "GF" Unit | 5597 | | | |
| "GG" Unit | 5617 | | | |
| "GH" Unit | 5637 | | | |
| "GI" Unit | 5657 | | | |
| "GJ" Unit | 5677 | | | |
| "GK" Unit | 5697 | | | |
| "GL" Unit | 5717 | | | |
| "GM" Unit | 5737 | | | |
| "GN" Unit | 5757 | | | |
| "GO" Unit | 5777 | | | |
| "GP" Unit | 5797 | | | |
| "GQ" Unit | 5817 | | | |
| "GR" Unit | 5837 | | | |
| "GS" Unit | 5857 | | | |
| "GT" Unit | 5877 | | | |
| "GU" Unit | 5897 | | | |
| "GV" Unit | 5917 | | | |
| "GW" Unit | 5937 | | | |
| "GX" Unit | 5957 | | | |
| "GY" Unit | 5977 | | | |
| "GZ" Unit | 5997 | | | |
| "HA" Unit | 6017 | | | |
| "HB" Unit | 6037 | | | |
| "HC" Unit | 6057 | | | |
| "HD" Unit | 6077 | | | |
| "HE" Unit | 6097 | | | |
| "HF" Unit | 6117 | | | |
| "HG" Unit | 6137 | | | |
| "HH" Unit | 6157 | | | |
| "HI" Unit | 6177 | | | |
| "HJ" Unit | 6197 | | | |
| "HK" Unit | 6217 | | | |
| "HL" Unit | 6237 | | | |
| "HM" Unit | 6257 | | | |
| "HN" Unit | 6277 | | | |
| "HO" Unit | 6297 | | | |
| "HP" Unit | 6317 | | | |
| "HQ" Unit | 6337 | | | |
| "HR" Unit | 6357 | | | |
| "HS" Unit | 6377 | | | |
| "HT" Unit | 6397 | | | |
| "HU" Unit | 6417 | | | |
| "HV" Unit | 6437 | | | |
| "HW" Unit | 6457 | | | |
| "HX" Unit | 6477 | | | |
| "HY" Unit | 6497 | | | |
| "HZ" Unit | 6517 | | | |
| "IA" Unit | 6537 | | | |
| "IB" Unit | 6557 | | | |
| "IC" Unit | 6577 | | | |
| "ID" Unit | 6597 | | | |
| "IE" Unit | 6617 | | | |
| "IF" Unit | 6637 | | | |
| "IG" Unit | 6657 | | | |
| "IH" Unit | 6677 | | | |
| "II" Unit | 6697 | | | |
| "IJ" Unit | 6717 | | | |
| "IK" Unit | 6737 | | | |
| "IL" Unit | 6757 | | | |
| "IM" Unit | 6777 | | | |
| "IN" Unit | 6797 | | | |
| "IO" Unit | 6817 | | | |
| "IP" Unit | 6837 | | | |
| "IQ" Unit | 6857 | | | |
| "IR" Unit | 6877 | | | |
| "IS" Unit | 6897 | | | |
| "IT" Unit | 6917 | | | |
| "IU" Unit | 6937 | | | |
| "IV" Unit | 6957 | | | |
| "IW" Unit | 6977 | | | |
| "IX" Unit | 6997 | | | |
| "IY" Unit | 7017 | | | |
| "IZ" Unit | 7037 | | | |
| "JA" Unit | 7057 | | | |
| "JB" Unit | 7077 | | | |
| "JC" Unit | 7097 | | | |
| "JD" Unit | 7117 | | | |
| "JE" Unit | 7137 | | | |
| "JF" Unit | 7157 | | | |
| "JG" Unit | 7177 | | | |
| "JH" Unit | 7197 | | | |
| "JI" Unit | 7217 | | | |
| "JJ" Unit | 7237 | | | |
| "JK" Unit | 7257 | | | |
| "JL" Unit | 7277 | | | |
| "JM" Unit | 7297 | | | |
| "JN" Unit | 7317 | | | |
| "JO" Unit | 7337 | | | |
| "JP" Unit | 7357 | | | |
| "JQ" Unit | 7377 | | | |
| "JR" Unit | 7397 | | | |
| "JS" Unit | 7417 | | | |
| "JT" Unit | 7437 | | | |
| "JU" Unit | 7457 | | | |
| "JV" Unit | 7477 | | | |
| "JW" Unit | 7497 | | | |
| "JX" Unit | 7517 | | | |
| "JY" Unit | 7537 | | | |
| "JZ" Unit | 7557 | | | |
| "KA" Unit | 7577 | | | |
| "KB" Unit | 7597 | | | |
| "KC" Unit | 7617 | | | |
| "KD" Unit | 7637 | | | |
| "KE" Unit | 7657 | | | |
| "KF" Unit | 7677 | | | |
| "KG" Unit | 7697 | | | |
| "KH" Unit | 7717 | | | |
| "KI" Unit | 7737 | | | |
| "KJ" Unit | 7757 | | | |
| "KK" Unit | 7777 | | | |
| "KL" Unit | 7797 | | | |
| "KM" Unit | 7817 | | | |
| "KN" Unit | 7837 | | | |
| "KO" Unit | 7857 | | | |
| "KP" Unit | 7877 | | | |
| "KQ" Unit | 7897 | | | |
| "KR" Unit | 7917 | | | |
| "KS" Unit | 7937 | | | |
| "KT" Unit | 7957 | | | |
| "KU" Unit | 7977 | | | |
| "KV" Unit | 7997 | | | |
| "KW" Unit | 8017 | | | |
| "KX" Unit | 8037 | | | |
| "KY" Unit | 8057 | | | |
| "KZ" Unit | 8077 | | | |
| "LA" Unit | 8097 | | | |
| "LB" Unit | 8117 | | | |
| "LC" Unit | 8137 | | | |
| "LD" Unit | 8157 | | | |
| "LE" Unit | 8177 | | | |
| "LF" Unit | 8197 | | | |
| "LG" Unit | 8217 | | | |
| "LH" Unit | 8237 | | | |
| "LI" Unit | 8257 | | | |
| "LJ" Unit | 8277 | | | |
| "LK" Unit | 8297 | | | |
| "LL" Unit | 8317 | | | |
| "LM" Unit | 8337 | | | |
| "LN" Unit | 8357 | | | |
| "LO" Unit | 8377 | | | |
| "LP" Unit | 8397 | | </ | |

YEAR: 1967

CONCESSION: VIII
PERMIT No. 2137

LOT: 25

TOWNSHIP: RALEIGH

COUNTY: KENT

WELL NAME: Putman Bedosti No. 1

| CLASS: | Strat. Test | FIELD: | FINAL STATUS: | Strat. Test | | |
|--------------------------|--------------------------|---------------|---|-------------|----------------|---------|
| COUNTY: | Kent | TOWNSHIP: | Raleigh | CONC: | VIII | |
| WELL NAME: | Putman-Bedosti No. 1 | LOT: | 25 | PERMIT No.: | 2137 | |
| OPERATOR: | S. J. Putman, Kingsville | TOTAL DEPTH: | 406' | ELEVATION: | 5951+0' | |
| DRILLER: | S. J. Earl, Kettwood (R) | CO-ORDINATES: | 1285' S. of N. Lot Line 285' W. of E. Lot Line | | | |
| GEOLOGIST: | R. J. Beards | (Scales) | | | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. | DEPTH | DATE | REMARKS |
| DAIRY | | | | | | |
| PORT LAMBERTON | | | | | | |
| KETTLE POINT | | | | | | |
| HAUGHTON | | | | | | |
| DUNNE | | | | | | |
| COLLINS | | | | | | |
| Detroit River | | | | | | |
| DETROIT RIVER | | | | | | |
| BOIS BLANC | | | | | | |
| OSWEGO | | | | | | |
| BOIS ISLAND | | | | | | |
| SALINA | | | | | | |
| UPPER SALT BEDS | | | | | | |
| CASINO AND TUBING RECORD | SIZE | WEIGHT | SET AT | HOW SET | AMT. RECOVERED | |
| "C" UNIT | 7" | | 12' | | 12' | |
| "B" UNIT | 4 1/2" | | 112' Gpm (25x) | | | |
| "A2" UNIT | | | | | | |
| SALT | | | | | | |
| CARBONATE | | | | | | |
| ANhydrite | | | | | | |
| ANhydrite | | | | | | |
| "A1" UNIT | | | | | | |
| CARBONATE | | | | | | |
| EVAPORITE | | | | | | |
| INITIAL GAS RECORD | INTERVAL | NET PAY | NATURAL FLOW | S.L.P. | | |
| QUERVEN - LOCKPORT | | | | | | |
| ROCHESTER | | | | | | |
| IRONDEQUOIT | | | | | | |
| REYNOLDS | | | | | | |
| THOROLD | | | | | | |
| GRIMBY | | | | | | |
| CAROT HEAD | | | | | | |
| MANITOWLIN | | | | | | |
| WHIRLPOOL | | | | | | |
| QUERVEN | | | | | | |
| MEAROD-DUNDAS | | | | | | |
| COLLINGWOOD | | | | | | |
| CONROUG | | | | | | |
| SHEWAN FALL | | | | | | |
| KERRIEF | | | | | | |
| CONROUG | | | | | | |
| DULL RIVER | | | | | | |
| SHADOW LAKE | | | | | | |
| CAMBRIAN | | | | | | |
| PRE-CAMBRIAN | | | | | | |
| TOTAL DEPTH (SAMPLES) | 406 | | | | | |
| TREATMENT | FINAL RESULTS | | | | | |
| | OIL | N.I. | | | | |
| | GAS | N.I. | | | | |
| | PRESSURE | | | | | |

YEAR: 1967

CONCESSION: Offshore Romney
PERMIT No. 2317

LOT:

TOWNSHIP: LAKE ERIE

COUNTY: KENT

WELL NAME: C.W.P. Kent 67 L.E. 64

| | | | | | |
|---|--|------------|-----------|---------------|-----------------------|
| CLASS: | Development | FIELD: | Tilbury | FINAL STATUS: | Gas Show - Abandoned |
| COUNTY: | Kent | TOWNSHIP: | Lake Erie | LOT: | CONC: Offshore Romney |
| WELL NAME: | C.W.P. Kent 67 L.E. 64 | | | | PERMIT No. 2317 |
| OPERATOR: | Consolidated West Petroleum Ltd./Port Alma | | | TOTAL DEPTH: | 1420' |
| DRILLER: | Underwater Gas Developers Ltd./Port Alma (R) | | | ELEVATION: | 5701+291 |
| GEOLOGIST: | R. J. Beards | (Den. Log) | | CO-ORDINATES: | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. | DEPTH | DATE |
| Lake | 29 | 5.3 | | | |
| DRI | 82 | 63 | | | |
| PORT LAMBERTON | | | | | |
| KETTIE POINT | | | | | |
| HAUGHTON | | | | | |
| DUNNE | 145 | 151 | | | |
| COLLINS | | | | | |
| DETROIT RIVER | | | | | |
| DETROIT RIVER | Lucas | 296 | 102 | | |
| BOIS BLANC | | 398 | 204 | | |
| OSWEGO | | 602 | 31 | | |
| BOIS ISLAND | | 633 | 162 | | |
| SALINA | H ² Unit | 795 | 467 | | |
| UPPER SALT BEDS | H ² Unit | 820 | | | |
| | H ² Unit | 922 | | | |
| "C" UNIT | SHALE | 1045 | | | |
| "B" UNIT | ANHYDRITE | 1139 | | | |
| "A2" UNIT | CARBONATE | 1161 | | | |
| SALT | ANHYDRITE | 1217 | | | |
| "A1" UNIT | CARBONATE | 1246 | | | |
| EVAPORITE | | 1262 | | | |
| QUERVEN - LOCKPORT | | | 1584 | | |
| ROCHESTER | | | | | |
| IRONDEQUOIT | | | | | |
| REYNOLDS | | | | | |
| THOROLD | | | | | |
| GRIMSBY | | | | | |
| CAROT HEAD | | | | | |
| MANITOWLIN | | | | | |
| WHIRLPOOL | | | | | |
| QUERVEN | | | | | |
| MEAROD-DUNDAS | | | | | |
| COLLINGWOOD | | | | | |
| CONROUG | | | | | |
| SHEWAN FALL | | | | | |
| KERRIEF | | | | | |
| CONROUG | | | | | |
| DULL RIVER | | | | | |
| SHADOW LAKE | | | | | |
| CAMBRIAN | | | | | |
| PRE-CAMBRIAN | | | | | |
| TOTAL DEPTH (SAMPLES) | 1420 | | | | |
| TREATMENT | | | | | |
| May 5/67, 1270'-1350' O.F. after 1 hr. 31.4 McFD | | | | | |
| Test run closed in pressure at 1260'. 391 psig; at 1350'. 426 psig. Recovered 540' Gas-Out Mud. | | | | | |
| FINAL RESULTS | | | | | |
| OIL | N.I. | | | | |
| GAS | 31 McFD | | | | |
| PRESSURE | 426 psig | | | | |

May 5/67: 1270'-1350' O.F. after 1 hr. 31.4 McFD
Final closed in pressure at 1260' 391 psig at
1350' 426 psig. Recovered 540' Gas-Oil Mud.

| | | | | |
|--|---------------------|----------------------------|--------------------------------|------------|
| COUNTY: KENT | TOWNSHIP: LAKE ERIE | LOT: | CONCESSION: Offshore Romney | YEAR: 1967 |
| WELL NAME: C.W.P. Kent 67 L.E. 65 | | | PERMIT No. 2324 | |
| CLASS: Development | FIELD: Tilbury | FINAL STATUS: Gas Producer | | |
| COUNTRY: Kent | TOWNSHIP: Lake Erie | LOT: | CONC: Offshore Romney | |
| WELL NAME: C.W.P. Kent 67 L.E. 65 | | | PERMIT No. 2324 | |
| OPERATOR: Consolidated West Petroleum Ltd. Port Alma | | | TOTAL DEPTH: 1350' PBID: 1332' | |
| DRILLER: Underwater Gas Developers Ltd. (rotary) | | | ELEVATION: 570'+28' | |
| GEOLOGIST: R.J. Beards (Den 100) | | | COORDINATES: | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. | |
| Lake | 28 | 58 | | |
| DRIFT | 86 | 37 | | |
| PORT LAMSON | | | | |
| KETTIE POINT | | | | |
| HAULTON | | | | |
| DUNDIE | 123 | 182 | | |
| COLUMBUS | | | | |
| DETROIT RIVER | 305 | 104 | | |
| STYCKMAN/Amherstburg | 409 | 229 | | |
| BOIS BLANC | | | | |
| ORISKANY | | | | |
| BASS ISLAND | 638 | 143 | | |
| SALINA | 781 | 455 | | |
| UPPER SALT BEDS | | | | |
| "F" Unit | 804 | | | |
| "E" Unit | 906 | | | |
| "C" UNIT SHALE | 1026 | | | |
| "B" UNIT SALT | 1123 | | | |
| "A2" UNIT ANHYDRITE | 1143 | | | |
| "A2" UNIT CARBONATE | 1202 | | | |
| "A1" UNIT SALT | 1202 | | | |
| "A1" UNIT ANHYDRITE | 1222 | | | |
| "A1" UNIT CARBONATE | 1236 | | | |
| "A1" UNIT EVAPORITE | 1236 | | | |
| GREEN - LOCKPORT | | | | |
| IRONDEQUOIT | | | | |
| CLINTON | | | | |
| THOROLD | | | | |
| GRANBY | | | | |
| CATYACI | | | | |
| CAROT HEAD | | | | |
| MANTOUILIN | | | | |
| WHIRPOOL | | | | |
| ORIENTATION | | | | |
| MAJOR-DUNDAS | | | | |
| COLUMBWOOD | | | | |
| CONROUD | | | | |
| SHEPPAN FALL | | | | |
| RENFREID | | | | |
| CONROUD | | | | |
| BLACK RIVER | | | | |
| GULL RIVER | | | | |
| SHADOW LAKE | | | | |
| CAMBRIAN | | | | |
| PRECAMBRIAN | | | | |
| TOTAL DEPTH (SAMPLES) | 1350 | | | |
| TREATMENT | | | | |
| May 19/1967: DST. No. 2, 1135'-1197', 151 60, VO. 60, FSI 60, Gas 27.1 Mcf/D, Rec. 30' GCM, 1HP 621, FSIIP 636, FFP 37, FFP 40, FSIIP 618, FFP 599 | | | | |
| ** DST. No. 2, ** DST. No. 1, May 14/67: May 16/67: (1) - 5009 gals 15% MCA, 4000 gals treated water, 3400 gals carrying fluid W/12000 | | | | |
| LOGGING RECORD | | | | |
| INTERVAL | TYPE | LOG T.D. | | |
| 1349'-0' | DENL-WELX | 1350' | | |
| 1270'-1000' | -WELX | 1350' | | |
| COILING RECORD | | | | |
| NO. | NO. | INTERVAL | | |
| N.I. | | | | |
| FINAL RESULTS | | | | |
| OIL | N.I. | | | |
| QAS | 152 Mcf/D | | | |
| PRESSURE | 391 psig | | | |

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|--|---------------------|------------------------------------|--------------------------------|------------|
| COUNTY: KENT | TOWNSHIP: ROMNEY | LOT: | CONCESSION: OFFSHORE ROMNEY | YEAR: 1967 |
| WELL NAME: C.W.P. Kent 67 L.E. 66 | | | PERMIT No. 2329 | |
| CLASS: Development | FIELD: Tilbury | FINAL STATUS: Gas Show - Abandoned | | |
| COUNTRY: Kent | TOWNSHIP: Lake Erie | LOT: | CONC: Offshore Romney | |
| WELL NAME: C.W.P. Kent 67 L.E. 66 | | | PERMIT No. 2329 | |
| OPERATOR: Consolidated West Petroleum Ltd. Port Alma | | | TOTAL DEPTH: 1350' PBID: 1350' | |
| DRILLER: Underwater Gas Developers Ltd. (rotary) | | | ELEVATION: 570'+30' | |
| GEOLOGIST: R.J. Beards (Den 100) | | | COORDINATES: | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. | |
| Lake | 30 | 63 | | |
| DRIFT | 93 | 67 | | |
| PORT LAMSON | | | | |
| KETTIE POINT | | | | |
| HAULTON | 160 | 132 | | |
| DUNDIE | | | | |
| COLUMBUS | 292 | 88 | | |
| DETROIT RIVER | 380 | 138 | | |
| STYCKMAN/Amherstburg | 518 | 44 | | |
| BOIS BLANC | | | | |
| ORISKANY | | | | |
| BASS ISLAND | 562 | 783 | | |
| SALINA | 783 | 223 | | |
| UPPER SALT BEDS | | | | |
| "F" Unit | 808 | | | |
| "E" Unit | 909 | | | |
| "C" UNIT SHALE | 1032 | | | |
| "B" UNIT SALT | 1121 | | | |
| "A2" UNIT ANHYDRITE | 1132 | | | |
| "A2" UNIT CARBONATE | 1198 | | | |
| "A1" UNIT SALT | 1206 | | | |
| "A1" UNIT ANHYDRITE | 1232 | | | |
| "A1" UNIT CARBONATE | 1232 | | | |
| "A1" UNIT EVAPORITE | 1232 | | | |
| GREEN - LOCKPORT | | | | |
| IRONDEQUOIT | | | | |
| CLINTON | | | | |
| THOROLD | | | | |
| GRANBY | | | | |
| CATYACI | | | | |
| CAROT HEAD | | | | |
| MANTOUILIN | | | | |
| WHIRPOOL | | | | |
| ORIENTATION | | | | |
| MAJOR-DUNDAS | | | | |
| COLUMBWOOD | | | | |
| CONROUD | | | | |
| SHEPPAN FALL | | | | |
| RENFREID | | | | |
| CONROUD | | | | |
| BLACK RIVER | | | | |
| GULL RIVER | | | | |
| SHADOW LAKE | | | | |
| CAMBRIAN | | | | |
| PRECAMBRIAN | | | | |
| TOTAL DEPTH (SAMPLES) | 1350 | | | |
| TREATMENT | | | | |
| May 25/67: DST. No. 1 1235'-1310', 151 60, VO. 60, FSI 60, Gas 1.9 Mcf/D, Rec. 40' SUC, 1HP 643, FSIIP 434, FFP 57, FFP 67, FSIIP 426, FFP 632 | | | | |
| LOGGING RECORD | | | | |
| INTERVAL | TYPE | LOG T.D. | | |
| 1349'-0' | DENL-WELX | 1350' | | |
| COILING RECORD | | | | |
| NO. | NO. | INTERVAL | | |
| N.I. | | | | |
| FINAL RESULTS | | | | |
| OIL | N.I. | | | |
| QAS | 2 Mcf/D | | | |
| PRESSURE | | | | |

| CLASS: Development | | FIELD: DAWN | | FINAL STATUS: Oil Producer | |
|---|---------------------|------------------------------------|----------|----------------------------|--|
| COUNTY: Lathrop | | TOWNSHIP: Dawn | | LOT: 22 | |
| WELL NAME: W.D. Bradford No. 2 | | Dawn 22-I | | CONC: 1 | |
| OPERATOR: W.D. Bradford, Chatham | | ELEVATION: 1952; P.D.: 1932. | | PERMIT NO.: 2364 | |
| DRILLER: Wellington Newmont, Wardsville (C.T.) | | ELEVATION: 625'± | | | |
| GEOLOGIST: R. J. Bardeis (Sample) | | COORDINATES: 455°N, 615°E Lot Line | | | |
| GEOLOGICAL FORMATIONS: | | TOP | | THICK. | |
| DRIFT | | 4 | 56 | | |
| PORT LANTON | | 60 | 283 | | |
| KETTIE POINT | | 343 | 238 | | |
| HAULTON | | 579 | 77 | | |
| DUNEE | | | | | |
| COLLINS | | | | | |
| FOREMER RIVER | | | | | |
| ATXWMA | Lucas | 556 | 244 | | |
| BOIS BLANC | Amherstburg | 900 | 120 | | |
| | | 1020 | 62 | | |
| ORISKANY | | | | | |
| BASS ISLAND | | 1082 | 105 | | |
| WILMA | G ¹ Unit | 1187 | 728 | | |
| UNITED SALT MDS | | 1225 | | | |
| H ¹ Unit | | 1356 | | | |
| E ¹ Unit | | | | | |
| G ¹ Unit | | | | | |
| SALT | | 1475 | | | |
| SALT | | 1577 | | | |
| AMYRANT | | 1612 | | | |
| AMYRANT | | 1760 | | | |
| SALT | | | | | |
| AMYRANT | | 1799 | | | |
| CARONITE | | 1908 | | | |
| EVAPORITE | | 1915 * | | | |
| ROCKEFER | | | 37+ | | |
| CLINTON | | | | | |
| IRONSGROUCH | | | | | |
| REYNOLDS | | | | | |
| THOROLD | | | | | |
| ORISKANY | | | | | |
| CAROT HEAD | | | | | |
| MANITOWIN | | | | | |
| WHITPOOL | | | | | |
| QUINTEN | | | | | |
| MEKORD-DUNDAS | | | | | |
| COLLINSWOOD | | | | | |
| COBOLING | | | | | |
| SHEWAN PAUL | | | | | |
| KIRKFIELD | | | | | |
| CHOCOCUK | | | | | |
| GULL RIVER | | | | | |
| SHADOW LAKE | | | | | |
| CAMBRIAN | | | | | |
| PRECAMBRIAN | | | | | |
| TOTAL DEPTH (SAMPLES) | 1952 | | | | |
| TREATMENT | | | | | |
| Aug 6/67: 1915'-1932' shot w/60 gis nitroglycerin | | | | | |
| Aug 9/67: 1800'-1820' shot w/50 gis nitroglycerin | | | | | |
| Sept 14/67: Acidized open hole w/500 gals 20% N.E. acid | | | | | |
| Sept 18/67: 8 BOPD while "swabbing" | | | | | |
| * Goat Island 1947 | | | | | |
| CASINO AND TURNING RECORD | | INITIAL OIL RECORD | | | |
| SIZE | WEIGHT | SET AT | HOW SET | AMT. RECOVERED | |
| 10 3/4 | 32.75# | 66" | Shoe | Nil | |
| 8 5/8 | 24 | 58" | Shoe | 581' | |
| 7" | 17 | 1525" | B.H.P. | Nil | |
| 2 3/8" | 4.7 | 1891" | Hanging | Nil | |
| INITIAL GAS RECORD | | INITIAL OAS RECORD | | SIF. | |
| INTERVAL | NET PAY | NATURAL FLOW | | | |
| 1799'-1817' | | 5.6 McFD | | | |
| 1915'-1931' | | 7.5 McFD | | | |
| INITIAL OIL RECORD | | INITIAL GAS RECORD | | SIF. | |
| INTERVAL | NET PAY | NATURAL FLOW | | | |
| 1806'-1817' | | 4 BOPD | | *Nil | |
| LOGGING RECORD | | CORING RECORD | | LOG T.O.D. | |
| INTERVAL | TYPE | LOG T.O.D. | | | |
| Nil | | | | | |
| CORING RECORD | | CORING RECORD | | LOG T.O.D. | |
| No. | INTERVAL | No. | INTERVAL | | |
| Nil | | | | | |
| FINAL RESULTS | | | | | |
| OIL | | 8 BOPD | | | |
| GAS | | 61 McFD | | | |
| PRESSURE | | 480 psig | | | |

[illegible]

| CLASS. | Deviation | FIELD | DRAWN | INITIALS | STATUS | Gas Producer |
|-----------------------|--|-------------------------|-------|----------|--|--------------|
| COUNTY | Labiston | TOWNSHIP | Dawn | LOT 28 | CONC. | III |
| WELL NAME | Union Darn No. 240 | PERMIT No. 2290 | | | | |
| OPERATION | Union Gas Co. of Canada Ltd. Chatham | TOTAL DEPTH: 2095' + 4' | | | | |
| DRILLER | Wellington R. Newport & Sons Ltd. Wardsville | REVISION: 6305' + 4' | | | | |
| GEOLOGIST | R. L. Beards (R/A) (log) | COORDINATES (C.T.T.) | | | | |
| GEOLOGICAL FORMATIONS | | TOP | ELEV. | THICK | 4600' N. of S. lot line 1500' E. of W. lot line | |
| DIRT | | 4 | | 66' | LAT. 42° 43' 33" N. LONG. 82° 17' 08" W. | |
| PORT LANTON | | | | | SURFED: March 10, 1967 | |
| KETTIE POINT | | 70 | | 118 | COMPLETED: April 10, 1967 | |
| HAIRTON | | 188 | | 226 | ABANDONED. | |
| DURBER | | 414 | | 85 | SPARKS IN OTTAWA. Yes | |
| COLUMBUS | | | | | WATER RECORD | |
| DETROIT RIVER | Lucas | 499 | | 214 | DEPTH TYPE | |
| FRANKAM | Amherstburg | 713 | | 134 | FRESH | |
| BOSS BLANC | | 847 | | 73 | 201 R.F. | |
| ONISKANY | | | | | 200' | |
| BASS ISLAND | | 920 | | 144 | Sulphur | |
| SALINA | | 1064 | | 862 | 2080' | |
| UPPER SALT BEDS | | | | | Salt | |
| DIRT | | 1091 | | | | |
| DIRT UNIT | | 1194 | | | | |
| "A" UNIT | | | | | | |
| "B" UNIT | | | | | | |
| "C" UNIT | | | | | | |
| "D" UNIT | | | | | | |
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| "BL" UNIT | | | | | </ | |

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|---|-----------------------|-------------------------------------|--------------|
| CLASS: EXPL.-N.P.W. FIELD | | FINAL STATUS: Dry Hole - Abandoned | |
| COUNTRY: Lambton | TOWNSHIP: Enniskillen | LOT: 2 | CONC: 11 |
| WELL NAME: Union-Enniskillen No.45 | | PERMIT No. 2411 | |
| OPERATOR: Union Gas Company of Canada Ltd., Chatham | | TOTAL DEPTH: 2203' | |
| PRINTER: Stubbs & Stubbs Ltd., Merlin (C.I.) | | ELEVATION: 628.44' | |
| GEOLOGIC: R.J. Baards (R.A. Log) | | COORDINATES: 1500'N. of S. Lot Line | |
| GEOLOGICAL FORMATIONS | | TOP | ELEV. THICK. |
| DRIFT | | | 4 |
| PORT LAMTON | | | 57 |
| KETTIE POINT | | | 61 |
| HAMILTON | | | 123 |
| DUNDIE | | | 376 |
| COLUMBIAS | | | 445 |
| ROIS BLANC | | | 702 |
| BASS ISLAND | | | 942 |
| SALINA | | | 1092 |
| UPPER SALT BEDS | | | 1118 |
| "F" UNIT | | | 1213 |
| "D" UNIT | | | 1343 |
| "C" UNIT | | | 1377 |
| "B" UNIT | | | 1453 |
| "A" UNIT | | | 1723 |
| "A-1" UNIT | | | 1862 |
| "A-2" UNIT | | | 1937 |
| "A-3" UNIT | | | 2068 |
| "A-4" UNIT | | | 2090* |
| QUERH - LOG REPORT | | | 1134 |
| CLINTON | | | |
| ROCHESTER | | | |
| REYNOLDS | | | |
| THOROLD | | | |
| GRANBY | | | |
| CANTON HEAD | | | |
| MANTOULIN | | | |
| WHIRPOOL | | | |
| QUERH - LOG REPORT | | | |
| COLLINGSWOOD | | | |
| THERON | | | |
| SHEWAN FALL | | | |
| KIRKFIELD | | | |
| COBOCONK | | | |
| BLACK RIVER | | | |
| SHADOW LAKE | | | |
| CAMBRIAN | | | |
| PRECAMBRIAN | | | |
| TOTAL DEPTH (SAMPLES) | | 2203 | |
| TREATMENT | | | |
| * Goat Island 2107'; Gasport 2134' | | | |
| OIL | | | |
| GAS | | | |
| PRESSURE | | | |
| FINAL RESULTS | | | |

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|--|-----------------------|---------------------------------------|--------------|
| CLASS: EXPL.-N.P.W. FIELD | | FINAL STATUS: Dry Hole - Abandoned | |
| COUNTRY: Lambton | TOWNSHIP: Enniskillen | LOT: 3 | CONC: XIV |
| WELL NAME: IOEL Union Enniskillen 4-3-XIV | | PERMIT No. 2345 | |
| OPERATOR: Imperial Oil Enterprises Ltd., Chatham | | TOTAL DEPTH: 2521' | |
| PRINTER: Harlow Shaw, Merlin (C.I.) | | ELEVATION: 661.44' | |
| GEOLOGIC: R.J. Baards (R.A. Log) | | COORDINATES: 1594.5'N. of N. Lot Line | |
| GEOLOGICAL FORMATIONS | | TOP | ELEV. THICK. |
| DRIFT | | | 4 |
| PORT LAMTON | | | 147 |
| KETTIE POINT | | | 151 |
| HAMILTON | | | 244 |
| DUNDIE | | | 395 |
| COLUMBIAS | | | 464 |
| ROIS BLANC | | | 770 |
| BASS ISLAND | | | 947 |
| SALINA | | | 1003 |
| UPPER SALT BEDS | | | 1184 |
| "F" UNIT | | | 1208* |
| "D" UNIT | | | 1342 |
| "C" UNIT | | | 1615 |
| "B" UNIT | | | 1745 |
| "A" UNIT | | | 2019 |
| "A-1" UNIT | | | 2161 |
| "A-2" UNIT | | | 2278 |
| "A-3" UNIT | | | 2400 |
| "A-4" UNIT | | | 2413* |
| QUERH - LOG REPORT | | | 2506 |
| CLINTON | | | |
| ROCHESTER | | | |
| REYNOLDS | | | |
| THOROLD | | | |
| GRANBY | | | |
| CANTON HEAD | | | |
| MANTOULIN | | | |
| WHIRPOOL | | | |
| QUERH - LOG REPORT | | | |
| COLLINGSWOOD | | | |
| THERON | | | |
| SHEWAN FALL | | | |
| KIRKFIELD | | | |
| COBOCONK | | | |
| BLACK RIVER | | | |
| SHADOW LAKE | | | |
| CAMBRIAN | | | |
| PRECAMBRIAN | | | |
| TOTAL DEPTH (SAMPLES) | | 2521 | |
| TREATMENT | | | |
| * F# - 5615: 1302' - 1338'; 1370' - 1419' | | | |
| * F# - 1457' - 1525' | | | |
| * Goat Island 2439'; Gasport 2468' | | | |
| OIL | | | |
| GAS | | | |
| PRESSURE | | | |
| FINAL RESULTS | | | |

| | | | | | |
|--|--|----------------------------------|--|---|--|
| CLASS: EXPL.-F.W. FIELD | | TOWNSHIP: Enniskillen | | FINAL STATUS: Gas Show - Abandoned | |
| COUNTY: Lambton | | LOT: 4 | | CONC: VI | |
| WELL NAME: Union Gas Company of Canada Ltd., Chatham | | PERMIT No. 2429 | | TOTAL DEPTH: 2291' | |
| OPERATOR: Union Gas Company of Canada Ltd., Chatham | | GEOLOGIST: R.J. Beards (R/A 100) | | COORDINATES: 350'E. of N. Lot Line 350'E. of W. Lot Line | |
| GEOLOGICAL FORMATIONS | | TOP | | ELEV. | |
| DUFF | | 5 | | 62 | |
| PORT LAMBERT | | 67 | | 67 | |
| KETTIE POINT | | 134 | | 258 | |
| HAMMILL | | 392 | | 88 | |
| DUNDEE | | 480 | | 250 | |
| COLUMBUS | | 730 | | 194 | |
| BOS BLANC | | 924 | | 62 | |
| BOS BLANC | | 924 | | 62 | |
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COUNTY: LAMBTON TOWNSHIP: ENNISKILLEN LOT: 18 CONCESSION: I PERMIT No. 2400 YEAR: 1967

WELL NAME: Ayrheart No. 1

CLASS: Development FIELD: Oil Springs FINAL STATUS: Oil Producer

COUNTY: Lambton TOWNSHIP: Enniskillen LOT: 18 CONC: I PERMIT No. 2400

WELL NAME: Ayrheart No. 1 TOTAL DEPTH: 398'

OPERATOR: William O. Ayrheart, Oil Springs

DRILLER: William O. Ayrheart, Oil Springs

GEOLOGIST: R. J. Bairds (Samples)

COORDINATES: 983'W. of S. Lot Line

1278'W. of E. Lot Line

42°45'45"N.

LONG. 82°06'38"W.

SHUT-IN: 200.1967

COMPLETED: October 14, 1967

ABANDONED: Yes

TRAX NO.: 6464

SAMPLES IN OTTAWA: Yes

WATER RECORD

DEPTH TYPE LEVEL FROM SURF FLOW

68'-70' Fresh 30'

BOIS BLANC

ORISKANY

BASS ISLAND

SALINA

UPPER SALT BEDS

CASING AND TUBING RECORD

SIZE WEIGHT SET AT HOW SET AMT. RECOVERED

7" UNIT 17# 60' Barefoot N11

8" UNIT 14 282' Cem(25x) N11

9" UNIT 14 282' Cem(25x) N11

INITIAL GAS RECORD

INTERVAL NET PAY NATURAL FLOW S.I.P.

N11

QUERTON - LOCKPORT

ROCHESTER

IRONDEQUOIT

REYNOLDS

THOROLD

GRANBY

CAROL HEAD

MANITOULIN

WHIRLPOOL

QUERTON

ALABAMA - DUNDAS

COLLINGWOOD

COBOLING

SHEPARD FALL

REDFIELD

CONROCK

QUILL RIVER

SHADOW LAKE

CAMBRIAN

PRECAMBRIAN

TOTAL DEPTH (SAMPLES) 398

TREATMENT

FINAL RESULTS

OIL 1 BOPD

GAS N11

PRESSURE

OCT 16/67. Shot w/100 sticks 60% dynamite

COUNTY: LAMBTON TOWNSHIP: ENNISKILLEN LOT: 23 CONCESSION: VIII PERMIT No. 2381 YEAR: 1967

WELL NAME: Capital-Aberdeen-Enniskillen 23-VIII

CLASS: Development FIELD: Wilson Croft FINAL STATUS: Oil Producer

COUNTY: Lambton TOWNSHIP: Enniskillen LOT: 23 CONC: VIII PERMIT No. 2381

WELL NAME: Capital-Aberdeen-Enniskillen 23-VIII (G.T.) TOTAL DEPTH: 452'

OPERATOR: Capital-Aberdeen-Enniskillen Co. Chatham

DRILLER: Capital-Aberdeen-Enniskillen Co. Chatham

GEOLOGIST: R. J. Bairds (Samples)

COORDINATES: 307'S. of N. Lot Line

2501'W. of E. Lot Line

42°03'18"N.

LONG. 82°03'56"W.

SHUT-IN: July 31, 1967

COMPLETED: September 5, 1967

ABANDONED: Yes

TRAX NO.: 6463

SAMPLES IN OTTAWA: Yes

WATER RECORD

DEPTH TYPE LEVEL FROM SURF FLOW

50' Fresh 20' 3000bbls/day

BOIS BLANC

ORISKANY

BASS ISLAND

SALINA

UPPER SALT BEDS

CASING AND TUBING RECORD

SIZE WEIGHT SET AT HOW SET AMT. RECOVERED

7" UNIT 24# 32' Dr. Stone 443' Hanging

8" UNIT 24# 443' Hanging

9" UNIT 24# 443' Hanging

INITIAL GAS RECORD

INTERVAL NET PAY NATURAL FLOW S.I.P.

N11

QUERTON - LOCKPORT

ROCHESTER

IRONDEQUOIT

REYNOLDS

THOROLD

GRANBY

CAROL HEAD

MANITOULIN

WHIRLPOOL

QUERTON

ALABAMA - DUNDAS

COLLINGWOOD

COBOLING

SHEPARD FALL

REDFIELD

CONROCK

QUILL RIVER

SHADOW LAKE

CAMBRIAN

PRECAMBRIAN

TOTAL DEPTH (SAMPLES) 453

TREATMENT

FINAL RESULTS

OIL 9 BOPD

GAS N11

PRESSURE

YEAR: 1967

| CLASS: Development FIELD | | | | FINAL STATUS: OIL Producer | |
|---|-----|--|--------|----------------------------|--|
| COUNTY: Lambton | | TOWNSHIP: Enniskillen | | CONC. VIII 2410 | |
| WELL NAME: Capital-Brett-Enniskillen No.2 | | OPERATOR: Capital Petroleum Co., Chatham | | PERMIT No. 4611 | |
| DRILLER: General Drilling & Well Service, Pt. Lambton | | ERECTOR: R.J. Beards (Dan Log) | | TOTAL DEPTH: 4611' | |
| GEOLOGICAL FORMATIONS | | CO-ORDINATES: 810'S. of N. Lot Line | | NATURAL DEPTH: 672'±2' | |
| DEPTH | TOP | REV. | THICK. | | |
| DRIFT | 2 | | 50 | | |
| PORT LAMBTON | | | | | |
| ROTT POINT | 52 | | 260 | | |
| LAMBTON | 03 | | 41 | | |
| DUNSTON | 353 | | 82 | | |
| COLUMBUS | | | 82 | | |
| WATERLOO | | | 25+ | | |
| STEVINA | 435 | | | | |
| PORT BLANC | | | | | |
| DEERMAN | | | | | |
| DEERMAN BASIN | | | | | |
| SLINKA | | | | | |
| UPPER SLAT BEDS | | | | | |

| CASINO AND TURNING RECORD | | | |
|---------------------------|--------|--------|----------|
| SIZE | WEIGHT | SET AT | HOW SET |
| 7" H | 24# | 51' | De. Shoe |
| 4 1/2" H | 9.5 | 365' | H.W.P. |
| 2" H | | 456' | Hanging |

| INITIAL GAS RECORD | | | |
|--------------------|---------|--------------|--------|
| INTERVAL | NET PAY | NATURAL FLOW | S.P. |
| | | | N.I.I. |

| INITIAL OIL RECORD | | | |
|--------------------|---------|--------------|------|
| INTERVAL | NET PAY | NATURAL FLOW | *API |
| 420' - 426' | | 8 BOPD | |

| CODGING RECORD | | | |
|----------------|-----------|----------|--|
| INTERVAL | TYPE | LOG T.D. | |
| 460' - 0' | DENY-GRGS | 460' | |

| CORING RECORD | | | |
|---------------|----------|-----|----------|
| No. | INTERVAL | No. | INTERVAL |
| N.I.I. | | | |

| FINAL RESULTS | | | |
|---------------|--------|-----|--------|
| OIL | 8 BOPD | GAS | N.I.I. |
| PRESSURE | | | |

YEAR: 1967

[illegible]

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|--|--|-----------------------|-------|---------|-----------------|--|------------|
| COUNTY: LAMBTON | | TOWNSHIP: ENNISKILLEN | | LOT: 31 | CONCESSION: VII | | YEAR: 1967 |
| WELL NAME: C-B-H Enniskillen 31-VII | | | | | PERMIT No. 2294 | | |
| CLASS: Expl-N.F.W. REG. FINAL STATUS: Dry Hole - Abandoned COUNTY: Lambton TOWNSHIP: Enniskillen LOT: 31 CONC: VII WELL NAME: C-B-H Enniskillen 31-VII PERMIT No. 2294 OPERATOR: Bruce B. Corden-St. Clair, Mich. U.S.A. TOTAL DEPTH: 2075' PRINTER: Ravlings Drilling Co. Ltd., Chatham (C.I.) ELEVATION: 680'+41' GEOLOGIST: R.J. Beards (samples) COORDINATES: 1750'S. of N. Lot Line 500'E. of W. Lot Line | | | | | | | |
| GEOLOGICAL FORMATIONS | | TOP | ELEV. | THICK. | | | |
| DEPT | | 4 | 56 | | | | |
| PORT LAMTON | | 4 | 56 | | | | |
| KETTIE POINT | | 60 | 65 | | | | |
| HAMTON | | 125 | 265 | | | | |
| DUNDIE | | 350 | 80 | | | | |
| COLUMBUS | | | | | | | |
| DETROIT RIVER | | 470 | 230 | | | | |
| LUCAS | | 700 | 190 | | | | |
| XENOPHON/Amherstburg | | 890 | 50 | | | | |
| BOIS BLANC | | 940 | 165 | | | | |
| OSKANY | | 1105 | 921 | | | | |
| BASIS ISLAND | | | | | | | |
| UPPER SALT BEDS | | | | | | | |
| N th Unit | | 1130 | | | | | |
| E th Unit | | 1223 | | | | | |
| D th Unit | | 1368 | | | | | |
| C th Unit | | 1370 | | | | | |
| B th Unit | | 1442 | | | | | |
| A th Unit | | 1636 | | | | | |
| SALT | | 1695 | | | | | |
| CARBONATE | | 1838 | | | | | |
| SALT | | 1884 | | | | | |
| CARBONATE | | 1984 | | | | | |
| EVANORITE | | 2015 | | | | | |
| CLINTON | | 2026* | 494 | | | | |
| BOCHERITE | | | | | | | |
| BONDSBURG | | | | | | | |
| BETHLES | | | | | | | |
| THORND | | | | | | | |
| GEMSBY | | | | | | | |
| CAROT HEAD | | | | | | | |
| MANTOUILL | | | | | | | |
| WHIRLPOOL | | | | | | | |
| QUINCY | | | | | | | |
| MAKROD-DUNDAS | | | | | | | |
| COLUMBWOOD | | | | | | | |
| CORNING | | | | | | | |
| SHERMAN FALL | | | | | | | |
| FIREFIELD | | | | | | | |
| CONDOCK | | | | | | | |
| QUILL RIVER | | | | | | | |
| SHADOW LAKE | | | | | | | |
| CABERMAN | | | | | | | |
| PRECAMBRIAN | | | | | | | |
| TOTAL DEPTH (SAMPLES) | | 2075 | | | | | |
| TREATMENT | | | | | | | |
| * Goat Island 2070' | | | | | | | |
| OIL | | | | | | | |
| GAS | | | | | | | |
| PRESSURE | | | | | | | |

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|--|--|-----------------|-------|---------|-----------------|--|------------|
| COUNTY: LAMBTON | | TOWNSHIP: MOORE | | LOT: 11 | CONCESSION: XI | | YEAR: 1967 |
| WELL NAME: Corden, Beard, Harmon Moore 11-XI | | | | | PERMIT No. 2391 | | |
| CLASS: Expl - N.F.W. REG. FINAL STATUS: Dry Hole - Abandoned COUNTY: Lambton TOWNSHIP: Moore LOT: 11 CONC: XI WELL NAME: Corden, Beard, Harmon Moore 11-XI PERMIT No. 2391 OPERATOR: Bruce B. Corden-St. Clair, Mich. U.S.A. TOTAL DEPTH: 2612' PRINTER: Galvest Eastern Drilling Co., St. Clair, Mich. (B) ELEVATION: 650'+91' GEOLOGIST: R.J. Beards (samples) COORDINATES: 2700'N. of S. Lot Line 420'E. of W. Lot Line | | | | | | | |
| GEOLOGICAL FORMATIONS | | TOP | ELEV. | THICK. | | | |
| DEPT | | 8 | 154 | | | | |
| PORT LAMTON | | 162 | 55 | | | | |
| KETTIE POINT | | 217 | 253 | | | | |
| HAMTON | | 470 | 132 | | | | |
| DUNDIE | | 217 | 132 | | | | |
| COLUMBUS | | 602 | 248 | | | | |
| DETROIT RIVER | | 850 | 165 | | | | |
| LUCAS | | 1015 | 50 | | | | |
| XENOPHON/Amherstburg | | 1065 | 195 | | | | |
| BOIS BLANC | | 1260 | 1260 | | | | |
| OSKANY | | 1280* | | | | | |
| BASIS ISLAND | | 1610 | | | | | |
| UPPER SALT BEDS | | 1690 | | | | | |
| N th Unit | | 1730 | | | | | |
| E th Unit | | 1816 | | | | | |
| D th Unit | | 2095 | | | | | |
| C th Unit | | 2100 | | | | | |
| B th Unit | | 2232 | | | | | |
| A th Unit | | 2350 | | | | | |
| SALT | | 2380 | | | | | |
| CARBONATE | | 2415* | | | | | |
| EVANORITE | | 2602 | | | | | |
| CLINTON | | 2612 | 87 | | | | |
| BOCHERITE | | | 10* | | | | |
| BONDSBURG | | | | | | | |
| BETHLES | | | | | | | |
| THORND | | | | | | | |
| GEMSBY | | | | | | | |
| CAROT HEAD | | | | | | | |
| MANTOUILL | | | | | | | |
| WHIRLPOOL | | | | | | | |
| QUINCY | | | | | | | |
| MAKROD-DUNDAS | | | | | | | |
| COLUMBWOOD | | | | | | | |
| CORNING | | | | | | | |
| SHERMAN FALL | | | | | | | |
| FIREFIELD | | | | | | | |
| CONDOCK | | | | | | | |
| QUILL RIVER | | | | | | | |
| SHADOW LAKE | | | | | | | |
| CABERMAN | | | | | | | |
| PRECAMBRIAN | | | | | | | |
| TOTAL DEPTH (SAMPLES) | | 2612 | | | | | |
| TREATMENT | | | | | | | |
| * N th -Salt's 1365'-1402' - 1448' - 1460' - 1528' - 1566' | | | | | | | |
| 1571' - 1600' | | | | | | | |
| ** Goat Island 2528' - Gasport 2548' | | | | | | | |
| OIL | | | | | | | |
| GAS | | | | | | | |
| PRESSURE | | | | | | | |

COUNTY: LAMBTON TOWNSHIP: MOORE

LOT: 17

CONCESSION: I
PERMIT No. 2263

YEAR: 1967

| CLASS: Exol - N.P.W. - MID | FINAL STATUS: Dry Hole - Abandoned | | |
|--|--|-------|--------|
| COUNTY: Lambton TOWNSHIP: Moore | CONC: I | | |
| WELL NAME: I.O.E. Moore 17-1 | PERMIT No. 2263 | | |
| OPERATOR: Imperial Oil Enterprises Ltd Chatham | TOTAL DEPTH: 2387' | | |
| DRILLER: W.B. Kiers, Chatham | ELEVATION: 619'±5' | | |
| GEOLOGIST: R.J. Beards (R/A Log) | COORDINATES: 1650' N. of S. Lot Line 650' E. of W. Lot Line | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. |
| DRIFT | 4 | 144 | |
| PORT LAMBTON | 148 | 227 | |
| LETTE POINT | 375 | 235 | |
| HAULTON | 610 | 87 | |
| DUNDIE | | | |
| COLUMBUS | | | |
| DETROIT RIVER | 697 | 213 | |
| STONYMAMBERSBURG | 910 | 174 | |
| BOIS BLANC | 1084 | 69 | |
| CHATELAIN | 1153 | 114 | |
| SALINA | 1267 | 997 | |
| UPPER SALT BEDS | | | |
| "F" UNIT | 1289 | | |
| "E" UNIT | 1397 | | |
| "D" UNIT | 1517 | | |
| "C" UNIT | 1543 | | |
| "B" UNIT | 1624 | | |
| "A" UNIT | 1892 | | |
| "Z" UNIT | 2033 | | |
| "Y" UNIT | 2122 | | |
| "X" UNIT | 2143 | | |
| "W" UNIT | 2243 | | |
| "V" UNIT | 2264 | | |
| "U" UNIT | 2366 | | |
| "T" UNIT | 102 | | |
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| CLAS. | | COUNT | | FIELD | | FINAL STATUS | | DRY HOLE - Abandoned | |
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| COUNTRY | EXPL. | TOWNSHIP | MOORE | LOT | 18 | CONC. | I | PERMIT No. | 2417A |
| WELL NAME | O.E.F.L. | Banner Moore 18-1A | Chatham | TOTAL DEPTH | 2407' | REMARKS | | COORDINATES | |
| DRILLER | Imperial Oil Enterprises Ltd., Chatham | Chevalier & Tremblay Drilling Co., Chatham (C) | ELEVATION | 619' +41' | | | | | |
| GEOLOGIST | R.J. Beards | (R/A Log) | | | | | | | |
| GEOLOGICAL FORMATIONS | | | | | | | | | |
| DIRT | | TOP | REV. | THICK | | | | | |
| PORE LAMONT | | 4 | 159. | | | | | | |
| KEELE POINT | | 163 | 219 | | | | | | |
| HAMILTON | | 382 | 239 | | | | | | |
| DUNDIE | | 621 | 109 | | | | | | |
| COLOMBUS | Lucas | 730 | 221 | | | | | | |
| BOIS BLANC | FROM A.M. Westburg | 951 | 137 | | | | | | |
| ORISKANY | | 1086 | 64 | | | | | | |
| BASS HOLLOW | | 1152 | 126 | | | | | | |
| UPPER SLAT BEDS | | 1276 | 1006 | | | | | | |
| UPPER SLAT UNIT | | 1301 | | | | | | | |
| UPPER SLAT UNIT | | 1408 | | | | | | | |
| UPPER SLAT UNIT | | 1528 | | | | | | | |
| UPPER SLAT UNIT | | 1637 | | | | | | | |
| UPPER SLAT UNIT | | 1915 | | | | | | | |
| UPPER SLAT UNIT | | 2049 | | | | | | | |
| UPPER SLAT UNIT | | 2137 | | | | | | | |
| UPPER SLAT UNIT | | 2140 | | | | | | | |
| UPPER SLAT UNIT | | 2284* | | | | | | | |
| UPPER SLAT UNIT | | 2383 | | | | | | | |
| GEOLOGICAL FORMATIONS | | | | | | | | | |
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YEAR: 1967

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YEAR: 1967

CONCESSION: V
PERMIT No. 2420

LOT: 24

TOWNSHIP: MOORE

LAMBTON

COUNTY: WELL NAME:

J.O.E.L. Banner Moore 24-V

CLASS: EXPL-N.E.W. FIELD

FINAL STATUS: Dry Hole - Abandoned

COUNTY: LAMBTON TOWNSHIP: Moore

LOT: 24 CONC: V

WELL NAME: J.O.E.L. Banner Moore 24-V

PERMIT No. 2420

OPERATOR: Imperial Oil Enterprises Ltd., Chatham

TOTAL DEPTH: 2602'

DRILLER: Harold Shaw, Melina

ELEVATION: 629.4'

GEOLOGICAL FORMATIONS: Beards (Sample)

COORDINATES: 600'S. of N. Lot Line
350' W. of E. Lot Line

| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. |
|-----------------------|------|-------|--------|
| CHIT | 4 | 158 | |
| PORT LAMTON | 162 | 118 | |
| KETTIE POINT | 260 | 198 | |
| HAMILTON | 478 | 249 | |
| DUNDIE | 727 | 96 | |
| COLUMBUS | 823 | 219 | |
| DETROIT RIVER | 1042 | 267 | |
| KOS BLANK | | | |
| ORISSIAN | | | |
| BASS ISLAND | | | |
| SARINA | | | |
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COUNTY: LAMBTON TOWNSHIP: MOORE
WELL NAME: Dow Brine Well No. 36

LOT: 25

CONCESSION: XII
PERMIT No. N/A

YEAR: 1967

| CLASS: | Brine Well | FIELD: | FINAL STATUS: Brine Well |
|-----------------------|---|--------------|--------------------------|
| COUNTY: | Lambton | TOWNSHIP: | Moore |
| WELL NAME: | Dow Brine Well No. 36 | LOT: | 25 |
| OPERATOR: | Dow Chemical Co. of Canada Ltd., Sarnia | CONC: | XII |
| DRILLER: | Corinna Petroleum Ltd., Counga (R) | PERMIT No.: | N/A |
| GEOLOGIST: | R.J. Beards (Samples & R.A. Log) | TOTAL DEPTH: | 2496' |
| COORDINATES: | | ELEVATION: | 624.4' |
| GEOLOGICAL FORMATIONS | | | |
| | | TOP | THICK |
| DRIFT | | | |
| PORT LAMTON | | 182 | |
| KETTER POINT | | 191 | |
| HAULTON | | 311 | |
| DUNDEE | | 598 | |
| COLEBURN | | 137 | |
| PORT KINC | Lucas | 735 | 245 |
| PORT BLANC | St. Mary's Amherstburg | 980 | 157 |
| ORISKANY | | 1137 | 48 |
| RAST ISLAND | | 1185 | 188 |
| SARINA | Unit | 1373 | 1033 |
| UNIT | Unit | 1395* | |
| "A" UNIT | | 1751 | |
| "B" UNIT | | 1822 | |
| "C" UNIT | | 1856 | |
| "D" UNIT | | 1952 | |
| "E" UNIT | | 2234 | |
| "F" UNIT | | 2406 | |
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COUNTY: LAMBTON TOWNSHIP: MOORE
WELL NAME: Gibraltar No. 12 - Moore 28-II

LOT: 28

CONCESSION: II
PERMIT No. 2261

YEAR: 1967

| CLASS | Development | FIELD | Courtright | FINAL STATUS | Gas Producer |
|-----------------------|--|--------------|---|--------------|--------------|
| COUNTY: | Lambton | TOWNSHIP: | Moore | LOT: | 28 |
| WELL NAME: | Gibraltar No. 12-Moore 28-II | CONC: | II | PERMIT No.: | 2261 |
| OPERATOR: | Gibraltar Manufacturing Co., Port Huron, Mich. | TOTAL DEPTH: | 2433' | ELEVATION: | 615'±4' |
| DRILLER: | Rawlings Drilling Co. Ltd., Chatham (C.T.) | COORDINATES: | 2900'S. of N. Lot Line 500'W. of E. Lot Line | | |
| GEOLOGIST: | R.J. Beards (R.A. 100) | | | | |
| GEOLOGICAL FORMATIONS | | TOP | ELEV. | THICK. | |
| DEIFT | | | | | |
| PORT LAMTON | | | | | |
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COUNTY: LAMBTON TOWNSHIP: SARNIA LOT: A CONCESSION: R 51R YEAR: 1967
WELL NAME: IOE Sarnia Ref. Fuel Gas-Cavern 6 PERMIT No. 2331

| CASSA | | | | STORAGE-P.P.S. FIELD | | | |
|---|--|--|---------|--|--|----------|--|
| LOCATION | | TOWNSHIP | SARINIA | CONC. | | R51R | |
| WELL NAME: | | IOE Sarinia Ref. Fuel Gas-Cavern 6 | | PERMIT NO. | | 2731 | |
| OPERATOR: | | Imperial Oil Enterprises Ltd., Corunna | | TOTAL DEPTH: | | | |
| BUREAU: | | Corunna Petroleum Ltd., Corunna (R) | | ELEVATION: | | 602'±13' | |
| GEOLOGICAL REMARKS | | | | COORDINATES: | | | |
| QUEENSTON ALABAMA-DUNBAR COLLINGWOOD COBOUQUE TRENTON SHEPPARD FALL FERRIFIELD COBOCOCK BLACK RIVER OULI RIVER SHADOW LAKE CABBARAN PRE-CABBARAN TOTAL DEPTH (SAMPLES) | | | | TOP ELEV. THICK. 13 107 120 52 172 98+ 270 | | | |
| UPPER SALT BEDS | | | | LAT. 22° W. of S. Lot Line LONG. 82° 24' 13" W. SURVEYED September 10, 1967 COMPLETED September 11, 1967 ABANDONED SAMPLED IN OTTAWA Yes ITALY No. 6410 | | | |
| SALINA BASIS ISLAND ORISKANY DOGS BLANC SYLVANIA DETROIT RIVER COLUMBIAS DUNDRE HAMILTON KENTIE POINT PORT LAMBERT DEPT | | | | DEPTH TYPE WEIGHT SET AT HOW SET AMT. RECOVERED 26-4' 20# 266' Cam (30sx) NIL NIL | | | |
| "6" UNIT "5" UNIT "4-2" UNIT "A1" UNIT QUENBY — LOCKPORT IRONSIDE BETHUNE TROMOND OLANSKY CAROT HEAD MAINTOULIN WHIRPOOL QUEENSTON ALABAMA-DUNBAR COLLINGWOOD COBOUQUE SHEPPARD FALL FERRIFIELD COBOCOCK BLACK RIVER OULI RIVER SHADOW LAKE CABBARAN PRE-CABBARAN TOTAL DEPTH (SAMPLES) | | | | CASINO AND TURNING RECORD INITIAL GAS RECORD INTERVAL NET PAY NATURAL ROW S.P. INITIAL OIL RECORD INTERVAL NET PAY NATURAL ROW S.P. LOGGING RECORD INTERVAL TYPE LOG TD. CORNING RECORD INTERVAL No. INTERVAL No. INTERVAL No. | | | |
| FINAL RESULTS OIL GAS PRESSURE | | | | FINAL RESULTS OIL GAS PRESSURE | | | |

YEAR: 1967

CONCESSION: XIV
PERMIT No. 2360

LOT: 10

TOWNSHIP, SOMBRA

COUNTY: LAMBTON

WELL NAME: I.O.E.L. S

[illegible]

| | | | | | | | | | |
|--|------------------|------------------------------------|----------|---|----------------|------------|--|--|--|
| COUNTY: LAMBTON | | TOWNSHIP: SOMBRA | | LOT: 10 | CONCESSION: XV | YEAR: 1967 | | | |
| WELL NAME: I.O.E.L. Sombra 6-10-XV | | PERMIT No. 2296 | | | | | | | |
| CLASS: Development | FIELD: AVOYRE | FINAL STATUS: Dry Hole - Abandoned | | | | | | | |
| COUNTRY: Lambton | TOWNSHIP: Sombra | LOT: 10 | CONC: XV | PERMIT No. 2296 | | | | | |
| WELL NAME: I.O.E.L. Sombra 6-10-XV | | | | TOTAL DEPTH: 2414'-0" | | | | | |
| OPERATOR: Imperial Oil Enterprises Ltd., Chatham | | | | ELEVATION: 616'+45' | | | | | |
| DRILLER: W.R. Kiser, Chatham | | | | | | | | | |
| GEOLOGIST: R.J. Beards (R/A Log) | | | | | | | | | |
| GEOLOGICAL FORMATIONS: | | | | COORDINATES: 1570'N. of S. Lot line 560' E. of W. Lot line | | | | | |
| DEPTH | TOP | ELEV. | THICK. | | | | | | |
| 5 | 161 | | | | | | | | |
| PORT LAMTON | 166 | | | | | | | | |
| LETTE POINT | 389 | | | | | | | | |
| HAULTON | 233 | | | | | | | | |
| DURBOR | 622 | | | | | | | | |
| COLEBURN | 78 | | | | | | | | |
| DEPT. 250 | 142 | | | | | | | | |
| BOIS BLANC | 950 | | | | | | | | |
| STONYMARE | 1092 | | | | | | | | |
| STONYMARE | 1170 | | | | | | | | |
| STONYMARE | 1282 | | | | | | | | |
| STONYMARE | 995 | | | | | | | | |
| STONYMARE | 1303 | | | | | | | | |
| STONYMARE | 1412 | | | | | | | | |
| STONYMARE | 1552 | | | | | | | | |
| STONYMARE | 1643 | | | | | | | | |
| STONYMARE | 1747 | | | | | | | | |
| STONYMARE | 1912 | | | | | | | | |
| STONYMARE | 2057 | | | | | | | | |
| STONYMARE | 2143 | | | | | | | | |
| STONYMARE | 2155 | | | | | | | | |
| STONYMARE | 2389 | | | | | | | | |
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YEAR: 1967

| CLASS: EXPL - N.F.W. FIELD | | | TOWNSHIP: Sombra | | | FINAL STATUS: Gas Producer | | |
|---|--|--|-------------------------------|--|--|--|--|--|
| COUNTY: Lambton | | | LOT: 20 | | | CONC: X | | |
| WELL NAME: Ralcol No. 2 Sombra 1-20-X | | | PERMIT No. 4323 | | | TOTAL DEPTH: 2174' | | |
| OPERATOR: Ralcol Enterprises Limited, Chatham | | | ELEVATION: 613'± 4' | | | COORDINATES: 1650'W. of N. lat line 390'W. of E. lat line | | |
| DRIER: Wellington Newport & Sons Ltd, Wardsville (CT) | | | DATE: 11/19/57 | | | SPROD: November 24, 1967 | | |
| GEOLOGIST: R. Bardeis (Samples) | | | CORRECTION: December 28, 1967 | | | ABANDONED: Yes | | |
| GEOLOGICAL FORMATIONS | | | CO-ORDINATES | | | STARTS IN OILMAN: Yes | | |
| | | | LAT. 42° 41' 52" N. | | | LONG. 82° 19' 09" W. | | |
| | | | SPROD: November 24, 1967 | | | CORRECTION: December 28, 1967 | | |
| | | | ABANDONED: Yes | | | DATE: 11/19/57 | | |
| | | | LAT. 42° 41' 52" N. | | | LONG. 82° 19' 09" W. | | |
| | | | SPROD: November 24, 1967 | | | CORRECTION: December 28, 1967 | | |
| | | | ABANDONED: Yes | | | DATE: 11/19/57 | | |
| | | | LAT. 42° 41' 52" N. | | | LONG. 82° 19' 09" W. | | |
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| | | | SPROD: November 24, 1967 | | | CORRECTION: December 28, 1967 | | |
| | | | ABANDONED: Yes | | | DATE: 11/19/57 | | |
| | | | LAT. 42° 41' 52" N. | | | LONG. 82° 19' 09" W. | | |
| | | | SPROD: November 24, 1967 | | | CORRECTION: December 28, 1967 | | |
| | | | ABANDONED: Yes | | | DATE: 11/19/57 | | |
| | | | LAT. 42° 41' 52" N. | | | LONG. 82° 19' 09" W. | | |
| | | | SPROD: November 24, 1967 | | | CORRECTION: December 28, 1967 | | |
| | | | ABANDONED: Yes | | | DATE: 11/19/57 | | |
| | | | LAT. 42° 41' 52" N. | | | LONG. 82° 19' 09" W. | | |
| | | | SPROD: November 24, 1967 | | | CORRECTION: December 28, 1967 | | |
| | | | ABANDONED: Yes | | | DATE: 11/19/57 | | |
| | | | LAT. 42° 41' 52" N. | | | LONG. 82° 19' 09" W. | | |
| | | | SPROD: November 24, 1967 | | | CORRECTION: December 28, 1967 | | |
| | | | ABANDONED: Yes | | | DATE: 11/19/57 | | |
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| | | | SPROD: November 24, 1967 | | | CORRECTION: December 28, 1967 | | |
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| | | | ABANDONED: Yes | | | DATE: 11/19/57 | | |
| | | | LAT. 42° 41' 52" N. | | | LONG. 82° 19' 09" W. | | |
| | | | SPROD: November 24, 1967 | | | CORRECTION: December 28, 1967 | | |

YEAR: 1967

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YEAR: 1967

COUNTY: LAMBTON TOWNSHIP: WARWICK
WELL NAME: Reliance No.2 Warwick 11-V NER

CONCESSION: V.N.E.R.
PERMIT No. 2354

YEAR: 1967

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| CLINTON | |
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| TOT | |

YEAR: 1967

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YEAR: 1967

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0 0 00000 NO. 44-38864

YEAR: 1967

FINAL STATUS: Dry Hole - Abandoned

YEAR: 1967

84

COUNTY: MIDDLESEX TOWNSHIP: WILLIAMS WEST
WELL NAME: Pennzoil No. 7 West Williams 16-X

LOT: 16

CONCESSION: X
PERMIT No. 2260

YEAR: 1967

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|--|--------------------------------------|------------------------------------|----------------|
| CLASS: EXPL.-N.E.W. FIELD | | FINAL STATUS: Dry-hole - Abandoned | |
| COUNTY: Middlesex | TOWNSHIP: Williams West | LOT: 16 | CONC: X |
| WELL NAME: Pennzoil No. 7 West Williams 16-X | PERMIT No. 2260 | | |
| OPERATOR: Pennzoil Company, Chatham | TOTAL DEPTH: 2115' | | |
| DRIER: Wellington R. Newport K&Ns, Wardsville(Ct.) | COORDINATES: 205015.5 of N. Lot Line | | |
| GEOLOGIST: R.J. Beards, Z/R/A 1001 | ELEVATION: 793+3.1 | | |
| COORDINATES: 205015.5 of N. Lot Line | | | |
| 4001'E. of N. Lot Line | | | |
| LAT. 43°05'34"N. | | | |
| LONG. 41°04'39"W. | | | |
| SPUNDED: January 13, 1967 | | | |
| CANNONED: March 4, 1967 | | | |
| SAMPLES IN OTTAWA: Yes - TAY No. 6266 | | | |
| WATER RECORD | | | |
| DEPTH | TYPE | LEVEL FROM SURF. | FLOW |
| 70' | Fresh | 260' | |
| 430' | Sulphur | 1800' | 12 bbls./day |
| 2018' | Salt | | |
| CASING AND TUBING RECORD | | | |
| SIZE | WEIGHT | SET AT | AMT. RECOVERED |
| 10 3/4" | 40# | 145' | Dr. Shoe 75' |
| 8 5/8" | 24 | 345' | B.H.P. 345' |
| 7" | 20 | 1115' | B.H.P. 1082' |
| INITIAL O&S RECORD | | | |
| INTERVAL | NET FAY | NATURAL FLOW | S.L.P. |
| | | | NIL |
| INITIAL OIL RECORD | | | |
| INTERVAL | NET FAY | NATURAL FLOW | *API |
| | | | NIL |
| LOGGING RECORD | | | |
| INTERVAL | TYPE | LOG T.D. | |
| 2115'-0' | R/A-WELX | 2115' | |
| CORING RECORD | | | |
| No. | INTERVAL | No. | INTERVAL |
| | NIL | | |
| PRECAUTION | | | |
| TOTAL DEPTH (SAMPLES) | 2115 | | |
| TESTAMENT | | | |
| *Post Island 20045'; Gasport 2080' | | | |
| OIL | | | |
| NIL | | | |
| O&S | | | |
| NIL | | | |
| PRESSURE | | | |
| | | | |

<

COUNTY: Norfolk
WELL NAME: New Metalore

| COUNTY | Development | FIELD NO. | LOCAL STATUS | GAS PRODUCER |
|--------------------------|-------------------------------|----------------|--------------------|--------------------|
| CLATSOP | Norfolk | HED Norfolk | IND. 7 | CONC. VII |
| TOWNSHIP | Northville | Chattanooga | IND. 26 | BENTLEY No. 2267 |
| OPERATOR | New Metalore Mining Co., Ltd. | Sincoke (C.I.) | TOTAL DEPTH: 1205' | REMARKS: 765' + 2' |
| DRIER | Elgin Mitchell, Jarvis | | | |
| GEOLOGIST | R.J. Beards (samples) | | | |
| COORDINATES: | | | | |
| 156°05'. of N. Lot Line | | | | |
| 350°W. of E. Lot Line | | | | |
| 42°47'02"N. | | | | |
| 80°25'53"W. | | | | |
| SPURRED: March 15, 1967 | | | | |
| COMPLETED: May 18, 1967 | | | | |
| ABANDONED: | | | | |
| SAMPLES IN OTTAWA: Yes | | | | |
| TAXY No.: 6313 | | | | |
| TOPOGRAPHICAL FORMATIONS | TOP | ELEV. | THICK | COORDINATES: |
| DRIFT | | | | |
| PORT LAMONT | | | | |
| KETTIE POINT | | | | |
| HAULTON | | | | |
| DUNDEE | | | | |
| COLUMBUS | | | | |
| DETROIT RIVER | | | | |
| RYKMANHANSBOURG | | | | |
| BOIS BLANC | | | | |
| ORISKANY | | | | |
| LAKE ISLAND | | | | |
| SAVINA | | | | |
| UPPER SLAT BEDS | | | | |
| "F" Unit | | | | |
| "E" Unit | | | | |
| "G" Unit | | | | |
| "H" Unit | | | | |
| "I" Unit | | | | |
| "J" Unit | | | | |
| "K" Unit | | | | |
| "L" Unit | | | | |
| "M" Unit | | | | |
| "N" Unit | | | | |
| "O" Unit | | | | |
| "P" Unit | | | | |
| "Q" Unit | | | | |
| "R" Unit | | | | |
| "S" Unit | | | | |
| "T" Unit | | | | |
| "U" Unit | | | | |
| "V" Unit | | | | |
| "W" Unit | | | | |
| "X" Unit | | | | |
| "Y" Unit | | | | |
| "Z" Unit | | | | |
| "AA" Unit | | | | |
| "AB" Unit | | | | |
| "AC" Unit | | | | |
| "AD" Unit | | | | |
| "AE" Unit | | | | |
| "AF" Unit | | | | |
| "AG" Unit | | | | |
| "AH" Unit | | | | |
| "AI" Unit | | | | |
| "AJ" Unit | | | | |
| "AK" Unit | | | | |
| "AL" Unit | | | | |
| "AM" Unit | | | | |
| "AN" Unit | | | | |
| "AO" Unit | | | | |
| "AP" Unit | | | | |
| "AQ" Unit | | | | |
| "AR" Unit | | | | |
| "AS" Unit | | | | |
| "AT" Unit | | | | |
| "AU" Unit | | | | |
| "AV" Unit | | | | |
| "AW" Unit | | | | |
| "AX" Unit | | | | |
| "AY" Unit | | | | |
| "AZ" Unit | | | | |
| "BA" Unit | | | | |
| "BB" Unit | | | | |
| "BC" Unit | | | | |
| "BD" Unit | | | | |
| "BE" Unit | | | | |
| "BF" Unit | | | | |
| "BG" Unit | | | | |
| "BH" Unit | | | | |
| "BI" Unit | | | | |
| "BJ" Unit | | | | |
| "BK" Unit | | | | |
| "BL" Unit | | | | |
| "BM" Unit | | | | |
| "BN" Unit | | | | |
| "BO" Unit | | | | |
| "BP" Unit | | | | |
| "BQ" Unit | | | | |
| "BR" Unit | | | | |
| "BS" Unit | | | | |
| "BT" Unit | | | | |
| "BU" Unit | | | | |
| "BV" Unit | | | | |
| "BW" Unit | | | | |
| "BX" Unit | | | | |
| "BY" Unit | | | | |
| "BZ" Unit | | | | |
| "CA" Unit | | | | |
| "CB" Unit | | | | |
| "CC" Unit | | | | |
| "CD" Unit | | | | |
| "CE" Unit | | | | |
| "CF" Unit | | | | |
| "CG" Unit | | | | |
| "CH" Unit | | | | |
| "CI" Unit | | | | |
| "CJ" Unit | | | | |
| "CK" Unit | | | | |
| "CL" Unit | | | | |
| "CM" Unit | | | | |
| "CN" Unit | | | | |
| "CO" Unit | | | | |
| "CP" Unit | | | | |
| "CQ" Unit | | | | |
| "CR" Unit | | | | |
| "CS" Unit | | | | |
| "CT" Unit | | | | |
| "CU" Unit | | | | |
| "CV" Unit | | | | |
| "CW" Unit | | | | |
| "CX" Unit | | | | |
| "CY" Unit | | | | |
| "CZ" Unit | | | | |

COUNTY: NORFOLK

[illegible]

COUNTY: NORFOLK TOWNSHIP: CHARLOTTEVILLE
WELL NAME: New Metalore No. 23

LOT: 9

CONCESSION: IX
PERMIT No. 2374

YEAR: 1967

| | | |
|---|-------------------------------|----------------------------|
| CLASS: Development | FILE: Norfolk | FINAL STATUS: Gas Producer |
| COUNTY: Norfolk | TOWNSHIP: Charlotteville | LOT: 9 |
| WELL NAME: New Metalore No. 23 | CONC: IX | PERMIT No. 2374 |
| OPERATOR: New Metalore Mining Co. Ltd., Simcoe | DATE: E. John Mitchell Jarvis | COORDINATES: 120° 11' |
| GEOPHYSICIST: R.J. Beards (Samples) | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. THICK |
| DRIFT | | |
| PORT LANTON | 1 | 190 |
| KETTER POINT | | |
| HAULTON | | |
| DUNDAS | 191 | 70 |
| COLUMBIAS | | |
| DEVELOPMENT: Lucas | 261 | 23 |
| BOIS BLANC | 284 | 108 |
| OSKANT | 392 | 51 |
| BASS ISLAND | 443 | 73 |
| SALINA | 516 | 374 |
| UPPER SALT BEDS | 568 | |
| UPPER UNIT | 650 | |
| LOWER UNIT | | |
| "C" UNIT | 758 | |
| "B" UNIT | 860 | |
| "A-2" UNIT | 863 | |
| "A-1" UNIT | 880 | |
| QUEEN — LOCKPORT | 890 * | 228 |
| ROCHESTER | 1118 | 56 |
| MONROVIA | 1175 | 5 |
| THOROLD | 1180 | |
| CHERRY | 1201 | 21 |
| CANADIAN | | 41 |
| CAIRO HEAD | | |
| MANITOULIN | | |
| WHITFOOT | | |
| QUERQUEN | | |
| MAKOD-DUNAS | | |
| COLUMBIAS | | |
| CONROUD | | |
| SHERMAN FALL | | |
| KERRIFORD | | |
| CONROUD | | |
| GULL RIVER | | |
| SHADOW LAKE | | |
| CAMBRIAN | | |
| PRECAMBRIAN | 1205 | |
| TOTAL DEPTH (SAMPLES) | | |
| TREATMENT | | |
| Sept 21/67: Shot at 1192' w/3 sticks dynamite | | |
| * Eramosa 923': Goat Island 985': Gasport 1059' | | |
| OIL | SHOW | |
| GAS | 5 McFD | |
| PRESSURE | 300 psig | |

COUNTY: NORFOLK TOWNSHIP: CHARLOTTEVILLE
WELL NAME: Roberts-Sagadahoc No. 33

LOT: 10

CONCESSION: IV
PERMIT No. 2384

YEAR: 1967

| | | |
|--|-----------------------------------|----------------------------|
| CLASS: Development | FILE: Norfolk | FINAL STATUS: Gas Producer |
| COUNTY: Norfolk | TOWNSHIP: Charlotteville | LOT: 10 |
| WELL NAME: Roberts-Sagadahoc No. 33 | CONC: IV | PERMIT No. 2384 |
| OPERATOR: Galt H. Roberts, Converseport, Pa. | DATE: Irving Drilling Co., Simcoe | COORDINATES: 120° 12' |
| GEOPHYSICIST: R.J. Beards (Samples) | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. THICK |
| DRIFT | | |
| PORT LANTON | 2 | 240 |
| KETTER POINT | | |
| HAULTON | | |
| DUNDAS | 242 | 98 |
| COLUMBIAS | | |
| DEVELOPMENT: Lucas | 311 | 115 |
| BOIS BLANC | 340 | 56 |
| OSKANT | 455 | 60 |
| BASS ISLAND | 510 | 381 |
| SALINA | 570 | 363 |
| UPPER SALT BEDS | 595 | |
| UPPER UNIT | 700 | |
| LOWER UNIT | | |
| "C" UNIT | 803 | |
| "B" UNIT | 872 | |
| "A-2" UNIT | | |
| "A-1" UNIT | 913 | |
| QUEEN — LOCKPORT | 933 | 217 |
| ROCHESTER | 1150 | 55 |
| MONROVIA | 1205 | 11 |
| THOROLD | 1216 | 6 |
| CHERRY | 1222 | 14 |
| CANADIAN | 1236 | 11 |
| CAIRO HEAD | 1247 | 18+ |
| MANITOULIN | | |
| WHITFOOT | | |
| QUERQUEN | | |
| MAKOD-DUNAS | | |
| COLUMBIAS | | |
| CONROUD | | |
| SHERMAN FALL | | |
| KERRIFORD | | |
| CONROUD | | |
| GULL RIVER | | |
| SHADOW LAKE | | |
| CAMBRIAN | | |
| PRECAMBRIAN | 1265 | |
| TOTAL DEPTH (SAMPLES) | | |
| TREATMENT | | |
| 380' Reef | | |
| 947'-949' | | |
| 1222'-1240' | | |
| OIL | SHOW | |
| GAS | 50 McFD | |
| PRESSURE | 620 psig | |

YEAR: 1967

[illegible]

YEAR: 1967

[illegible]

[illegible]

| | | | | | |
|-----------------------|------------------------|----------|----------------|--------------|---|
| CLASS. | Development | RIDE | Norfolk | FINAL STATUS | Gas Show - Abandoned |
| COUNTRY | Norfolk | TOWNSHIP | Charlotteville | CONC. VIT | |
| OPERATOR | William Shepherd No. 1 | | | PERMIT No. | 2234 |
| OPERATOR | Jack Stover, Ridgecton | | | TOTAL DEPTH | 1224' |
| DRILLER | Sam Lyons, Simcoe | | | (C.I.) | ELEVATION 7631+3 |
| GEOLOGIST | R.J. Beards (samples) | | | COORDINATES: | 350' S. of N. Lot line |
| GEOLOGICAL FORMATIONS | | TOP | REV. | THICK. | 350' W. of E. lot line |
| DRIFT | | | | | 420' 47' 42" N. |
| PORT TAYLOR | | 1 | 205 | | LONG. 80° 22' 50" W. |
| KETIE POINT | | | | | SPOOLED November 11, 1966 |
| HAMILTON | | | | | COMPLETED February 6, 1967 |
| DUNDAS | | 206 | | | ABANDONED February 14, 1967 |
| COLUMBUS | | | | | SAMPLES IN OTTAWA Yes |
| DETROIT RIVER | | | 94 | | TRAIL No. 6268 |
| 30X30MM Ambers lbureg | | | | | WATER RECORD |
| DOGS BLANC | | 300 | | | DEPTH TYPE |
| OSKANSANT | | 390 | | | 1214' Fresh |
| BASS ISLAND | | 455 | | | 2351' Fresh |
| W.G. Unit | | 510 | | | 2701' Sulphur |
| SALINA | | 510 | | | 9301' Black |
| UPPER SALT BEDS | | 536 | | | |
| W.G. Unit | | 630 | | | |
| W.G. Unit | | | | | |
| "C" UNIT SHALE | | 723 | | | CASING AND TUBING RECORD |
| "B" UNIT ANTHRACITE | | 805 | | | SIZE WEIGHT SET AT HOW SET |
| "A.2" UNIT CARBONATE | | 810 | | | 10 3 3/4 40# 1551' Shoe |
| SALT ANTHRACITE | | N11 | | | 8 3 3/4 24 206' Shoe |
| ANTHRACITE CARBONATE | | N11 | | | 7 1/2 18 2381' B.H.P. |
| EVALORITE | | N11 | | | 4 1/2 10 1140' Cam 505x5 |
| "A.1" UNIT | | | | | INITIAL GAS RECORD |
| QUICKEN - LOCKPORT | | | | | INTERVAL 2701' NET FLOW NATURAL FLOW S.P. |
| IRONCHURCH | | 870 | | 230 | 11641-1174 |
| REYNOLDS | | 1100 | | 43 | |
| THORND | | 1143 | | 9 | |
| OSKANSANT | | 1152 | | 34 | |
| CAROT HEAD | | 1186 | | 38+ | |
| AMTINDOIN | | | | | INITIAL OIL RECORD |
| WHEELPOOL | | | | | INTERVAL NET FLOW NATURAL FLOW S.P. |
| QUERENTON | | | | | N11 |
| MEACORD - DUNDAS | | | | | |
| COLLINGWOOD | | | | | LOGGING RECORD |
| CONROD | | | | | INTERVAL TYPE LOG ID. |
| SHEWAN TAIL | | | | | N11 |
| RIEPIED | | | | | |
| CONCOCK | | | | | |
| QUIL RIVER | | | | | |
| SHADOW LAKE | | | | | |
| CAMERAN | | | | | |
| PRECAMBRIAN | | | | | |
| TOTAL DEPTH (SAMPLES) | | 1224 | | | |
| TREATMENT | | | | | |
| * SULPHUR GAS | | | | | FINAL RESULTS |
| ** ETAMOSA BHT. | | | | | OH N11 |
| ** ETAMOSA BHT. | | | | | QAS Show |
| | | | | | PRESSURE |

| CLASS: Development | | FIELD: Norfolk | | FINAL STATUS: Gas Producer | |
|------------------------------------|----------|-----------------|------------|----------------------------|-----|
| CONC. | LOT | CONC. | LOT | CONC. | LOT |
| Norfolk | 5 | Norfolk | 5 | Norfolk | 5 |
| TOWNSHIP: Townsend | | | | | |
| WELL NAME: Subeo S.S. No. 10 | | | | | |
| PERMIT No. 2383 | | | | | |
| DATE: Subeo Limited, Toronto | | | | | |
| ORATOR: Sam Lyons, Simcoe (C.I.) | | | | | |
| ELEVATION: 8281+1' | | | | | |
| COORDINATES: 500'S. of N. Lot Line | | | | | |
| LAT. 43°01'43"N. | | | | | |
| LONG. 80°20'29"W. | | | | | |
| SPUNDED: August 11, 1967 | | | | | |
| COMPLETED: August 29, 1967 | | | | | |
| SAMPLES IN OTTAWA: Yes | | | | | |
| TAX No. 6400 | | | | | |
| ABANDONED: | | | | | |
| SAMPLER IN OTTAWA: Yes | | | | | |
| WATER RECORD | | | | | |
| DEPTH | TYPE | LEVEL FROM SURF | FLOW | | |
| 121' | Fresh | 44' | | | |
| 201' | Sulphur | 41' | | | |
| 570' | Sulphur | 44' | | | |
| UPPER SALT MEAS | | | | | |
| 116 | | | | | |
| 354 | | | | | |
| Casing and tubing record | | | | | |
| SIZE | WEIGHT | SET AT | HOW SET | AMT. RECOVERED | |
| 10 3/4" | 40.5# | 116' | Shoe | 116' | |
| 8 5/8" | 24 | 135' | Basefoot | N1 | |
| 4 1/2" | 9.5 | 787' | Cem (255X) | N1 | |
| Initial gas record | | | | | |
| INTERVAL | NET PAY | NATURAL FLOW | S.P. | | |
| 795'-800' | 7 Mcfd | 420 psig | | | |
| Logging record | | | | | |
| INTERVAL | TYPE | LOG TO | | | |
| N1 | | | | | |
| Coring record | | | | | |
| No. | INTERVAL | No. | INTERVAL | | |
| N1 | | | | | |
| Final results | | | | | |
| Oil | N1 | | | | |
| Gas | 7 Mcfd | | | | |
| Pressure | 420 psig | | | | |
| PREAMBLAR | | | | | |
| TOTAL DEPTH (GAS) | | | | | |
| 896 | | | | | |
| TREATMENT | | | | | |
| OR | | | | | |
| GAS | | | | | |
| PRESSURE | | | | | |
| 420 psig | | | | | |

| CLASS: Development | | FIELD: Norfolk | | FINAL STATUS: Gas Show | |
|--------------------------------------|----------|-----------------|------------|------------------------|-----|
| CONC. | LOT | CONC. | LOT | CONC. | LOT |
| Norfolk | 5 | Norfolk | 5 | Norfolk | 5 |
| TOWNSHIP: Townsend | | | | | |
| WELL NAME: Subeo "Short Stuff" No. 9 | | | | | |
| PERMIT No. 2286 | | | | | |
| DATE: Subeo Limited, Toronto | | | | | |
| ORATOR: Sam Lyons, Simcoe (C.I.) | | | | | |
| ELEVATION: 821+1' | | | | | |
| COORDINATES: 1450' N. of S. Lot Line | | | | | |
| LAT. 42°59'49"N. | | | | | |
| LONG. 80°19'58"W. | | | | | |
| SPUNDED: December 20, 1966 | | | | | |
| COMPLETED: January 19, 1967 | | | | | |
| SAMPLES IN OTTAWA: Yes | | | | | |
| TAX No. 6267 | | | | | |
| ABANDONED: | | | | | |
| SAMPLER IN OTTAWA: Yes | | | | | |
| WATER RECORD | | | | | |
| DEPTH | TYPE | LEVEL FROM SURF | FLOW | | |
| 84' | Fresh | 20' | | | |
| 245' | Sulphur | 20' | | | |
| UPPER SALT MEAS | | | | | |
| 171 | | | | | |
| 253 | | | | | |
| Casing and tubing record | | | | | |
| SIZE | WEIGHT | SET AT | HOW SET | AMT. RECOVERED | |
| 10 3/4" | 40.5# | 82' | Shoe | 82' | |
| 8 5/8" | 10 | 802' | Basefoot | N1 | |
| 4 1/2" | 9.5 | 802' | Cem (255X) | N1 | |
| Initial gas record | | | | | |
| INTERVAL | NET PAY | NATURAL FLOW | S.P. | | |
| 814'-816' | | Show | | | |
| Logging record | | | | | |
| INTERVAL | TYPE | LOG TO | | | |
| N1 | | | | | |
| Coring record | | | | | |
| No. | INTERVAL | No. | INTERVAL | | |
| N1 | | | | | |
| Final results | | | | | |
| Oil | N1 | | | | |
| Gas | Show | | | | |
| Pressure | 125 psig | | | | |
| PREAMBLAR | | | | | |
| TOTAL DEPTH (GAS) | | | | | |
| 923 | | | | | |
| TREATMENT | | | | | |
| OR | | | | | |
| GAS | | | | | |
| PRESSURE | | | | | |
| 125 psig | | | | | |

[illegible]

CLASS.

EXT.

FIELD

COUNTRY

Norfolk

TOWNSHIP

Townsend

No.1

WELL NAME

Townsland Oil & Gas Limited, Toronto

OPERATOR

Townsland Oil & Gas Limited, Toronto

DRILLER

Culver Drilling Co. Limited, Dunville, N.A. Log

GEOLOGICAL FORMATIONS

Beards (H/A Log)

TOP

ELEV.

THICK.

DRAFT

FORT LAMONT

1

86

KETTE POINT

HAMILTON

CHURCH

GULFVIEW

STONY SYLVANIA

ORISKANY

PROBANC

87

7

BASS HORN

"G" Unit

94

33

SALINA

"G" Unit

127

346

UPPER SALT ROCK

"F" Unit

"E" Unit

137

"D" Unit

253

"C" Unit

SHALE

354

"B" Unit

ANTRHITE

"A" Unit

ANTRHITE

411

SALT

ANTRHITE

450

CARBONATE

452

EVALUATE

QUINCY - LOCKPORT

473*

295

ROCHESTER

768

47

BRIDGEFOOT

815

5

RETAILS

820

7

THORND

827

9

GRIMSBY

834

CAROL HEAD

843

34†

MANTOUILN

WHITETPOOL

QUINCY

MAKORD - DININGS

CONINGWOOD

COILING

SHEPARD FALL

RIVERHEAD

CONDOSINK

GULL RIVER

SHADOW LAKE

CAMBRIAN

PRECAMBRIAN

TOTAL DEPTH (SAMPLES)

877

TESTAMENT

10/20 sand, 250 gals HF acid, 10 gal F&O Ezeflo,

200# 1-140 Jell., 85,000 scf nitrogen

Oct 26/67: Tested 85 Mcfd after 1 hr blowdown

* Gasport 75psi

INITIAL STATUS

Gas Producer

LOT

II

CONC.

VI

PRIEST No.

2406

TOTAL DEPTH

877'

ELEVATION

752+1'

COORDINATES

107°19'N. of S. Lot Line

45°15'W. of E. Lot Line

LAT.

42°57'22"N.

LONG.

80°15'59"W.

SHOOTED

September 16, 1967

COMPLETED

October 12, 1967

ABANDONED

Yes

TEST No.

6466

SAMPLES IN OTAWA

Yes

CASINO AND TURNING RECORD

SIZE

WEIGHT

SET AT

HOW SET

AFT RECOVERY

10 3/4"

40#

80'

30#

89'

8 5/8"

24#

126'

30#

Nil

6 1/2"

16

749'

8 1/2 P

749'

4 1/2"

9.5

854'

50M (170SX)

Nil

INITIAL GAS RECORD

NET PAY

NATURAL FLOW

\$LP

239'

Show

815'

16 Mcfd

829'

12 Mcfd

833'

18 Mcfd

41 ops/sg

INITIAL OIL RECORD

NET PAY

NATURAL FLOW

*API

INTERVAL

Nil

LOGGING RECORD

INTERVAL

TYPE

LOG TD.

876' - 0'

R/A-BIRD

877'

825' - 750'

DENL-BIRD

877'

CORING RECORD

No.

INTERVAL

No.

INTERVAL

Nil

FINAL RESULTS

OIL

NIL

GAS

85 Mcfd-AF

PRESSURE

410 psig

[illegible][illegible]

| | | | | | | | | |
|--|---|-----------------|----------------------|--------|-----------------|------------------------|-------|------|
| COUNTY: | NORFOLK | TOWNSHIP: | LAKE ERIE | LOT: | CONCESSION: | Offshore-S. Walsingham | YEAR: | 1967 |
| WELL NAME: | Consumers' Pan Am 13021 | | | | PERMIT No. 2397 | | | |
| CLASS: | Expl.-N.E.W. HED. | FINAL STATUS: | Gas Show - Abandoned | | | | | |
| COUNTY: | Norfolk | TOWNSHIP: | Lake Erie | LOT: | CONC. | Offshore S. Walsingham | | |
| WELL NAME: | Consumers' Pan Am 13021 | PERMIT No. 2397 | | | | | | |
| OPERATOR: | Consumers' Gas Company, Toronto | TOTAL DEPTH: | 1766' | | | | | |
| DRIER: | Underwater Gas Developers Ltd., Toronto (R) | ELEVATION: | 5701+291 | | | | | |
| GEOLOGIST: | R.J. Baards (R/A Log) | COORDINATES: | | | | | | |
| GEOLOGICAL FORMATIONS: | | TOP | ELEV. | THICK. | | | | |
| Lake | | | 29 | 65 | | | | |
| DEPT | | | 94 | 351 | | | | |
| PORT LAMTON | | | | | | | | |
| KETTIE POINT | | | | | | | | |
| HAULTON | | | 445 | 92 | | | | |
| DUNDIE | | | 537 | 144 | | | | |
| COLUMBUS | | | | | | | | |
| DETROIT RIVER | | | | | | | | |
| XXVYMA Amherstburg | | | 681 | 91 | | | | |
| NOIS BLANC | | | | | | | | |
| ORISKANY | | | | | | | | |
| BASS ISLAND | | | 772 | 93 | | | | |
| SAINA | | | 865 | 363 | | | | |
| UPPER LAKE BEDS | | | | | | | | |
| "E" Unit | | | 888 | | | | | |
| "F" Unit | | | 979 | | | | | |
| "C" UNIT SHALE | | | 1086 | | | | | |
| "B" UNIT AMPHIBITE | | | 1161 | | | | | |
| "A2" UNIT CARBONATE | | | 1173 | | | | | |
| "A1" UNIT AMPHIBITE | | | 1210 | | | | | |
| EVAPORITE | | | 1228 | | | | | |
| QUEN - LOCKPORT | | | 1478 | | | | | |
| ROCHESTER | | | 1587 | | | | | |
| INDONIGLOIT | | | 1600 | | | | | |
| REYNALS | | | 1606 | | | | | |
| THORND | | | 1606 | | | | | |
| GRANBY | | | 1606 | | | | | |
| CARL HEAD | | | 1606 | | | | | |
| MAINTHLOOL | | | 1606 | | | | | |
| WHIRPOOL | | | 1606 | | | | | |
| QUERENTON | | | 1741 | | | | | |
| MAJORO - DUNDAS | | | | | | | | |
| COLLINSWOOD | | | | | | | | |
| CONROUD | | | | | | | | |
| SHEPARD FALL | | | | | | | | |
| REYNALS | | | | | | | | |
| CONROUD | | | | | | | | |
| BLACK RIVER | | | | | | | | |
| GULL RIVER | | | | | | | | |
| SHADOW LAKE | | | | | | | | |
| CARLEMAN | | | | | | | | |
| PRECAMBRIAN | | | | | | | | |
| TOTAL DEPTH (SAMPLES) | | | 1765 | | | | | |
| TREATMENT | | | | | | | | |
| Oil | | | | | | | | |
| Gas | | | | | | | | |
| Pressure | | | | | | | | |
| Notes: | | | | | | | | |
| Oct 2/67: DST No. 1 1592'-1650' ISI 63, VO 19, | | | | | | | | |
| 180, FSI 66, Gas 10 Mc/d, RSC 172, GCM, IHP 848, | | | | | | | | |
| ISIP 453, IFP 64, FFP 79, FSP 650, FHP 834 | | | | | | | | |
| Top Reading only - clock stopped | | | | | | | | |

| | | | | | | | | |
|--|--|-----------------|--------------|--------|-----------------|-------------------------|-------|------|
| COUNTY: | NORFOLK | TOWNSHIP: | LAKE ERIE | LOT: | CONCESSION: | Offshore-Charlotteville | YEAR: | 1967 |
| WELL NAME: | Place Charlotteville L.E. No. 2 | | | | PERMIT No. 2323 | | | |
| CLASS: | Expl.-N.P.W. HED. | FINAL STATUS: | Gas Producer | | | | | |
| COUNTY: | Norfolk | TOWNSHIP: | Lake Erie | LOT: | CONC. | Offshore Charlotteville | | |
| WELL NAME: | Place Charlotteville L.E. No. 2 | PERMIT No. 2323 | | | | | | |
| OPERATOR: | Place Gas & Oil Co. Ltd., Toronto | TOTAL DEPTH: | 1293 | | | | | |
| DRIER: | Place Gas & Oil Co. Ltd., Nanticoke (C.T.) | ELEVATION: | 571+151 | | | | | |
| GEOLOGIST: | R.J. Baards (R/A Log) | COORDINATES: | | | | | | |
| GEOLOGICAL FORMATIONS: | | TOP | ELEV. | THICK. | | | | |
| Lake | | | 15 | 29 | | | | |
| DEPT | | | 44 | 211 | | | | |
| PORT LAMTON | | | | | | | | |
| KETTIE POINT | | | | | | | | |
| HAULTON | | | 255 | 110 | | | | |
| DUNDIE | | | | | | | | |
| COLUMBUS | | | 111 | 86 | | | | |
| DETROIT RIVER | | | 365 | 43 | | | | |
| XXVYMA Amherstburg | | | 451 | 66 | | | | |
| NOIS BLANC | | | 494 | 360 | | | | |
| ORISKANY | | | 560 | | | | | |
| SAINA | | | 580 | | | | | |
| UPPER LAKE BEDS | | | 673 | | | | | |
| "E" Unit | | | | | | | | |
| "F" Unit | | | | | | | | |
| "C" UNIT SHALE | | | 779 | | | | | |
| "B" UNIT AMPHIBITE | | | 856 | | | | | |
| "A2" UNIT CARBONATE | | | 903 | | | | | |
| "A1" UNIT AMPHIBITE | | | 920* | | | | | |
| EVAPORITE | | | 1122 | | | | | |
| QUEN - LOCKPORT | | | 1197 | | | | | |
| ROCHESTER | | | 1204 | | | | | |
| INDONIGLOIT | | | 1225 | | | | | |
| REYNALS | | | 1255 | | | | | |
| THORND | | | 21 | | | | | |
| GRANBY | | | 30 | | | | | |
| CARL HEAD | | | 38* | | | | | |
| MAINTHLOOL | | | | | | | | |
| WHIRPOOL | | | | | | | | |
| QUERENTON | | | | | | | | |
| MAJORO - DUNDAS | | | | | | | | |
| COLLINSWOOD | | | | | | | | |
| CONROUD | | | | | | | | |
| SHEPARD FALL | | | | | | | | |
| REYNALS | | | | | | | | |
| CONROUD | | | | | | | | |
| BLACK RIVER | | | | | | | | |
| GULL RIVER | | | | | | | | |
| SHADOW LAKE | | | | | | | | |
| CARLEMAN | | | | | | | | |
| PRECAMBRIAN | | | | | | | | |
| TOTAL DEPTH (SAMPLES) | | | 1293 | | | | | |
| TREATMENT | | | | | | | | |
| Oil | | | | | | | | |
| Gas | | | | | | | | |
| Pressure | | | | | | | | |
| Notes: | | | | | | | | |
| July 13/67: Frac'd w/19 sx 10/20 sand, 75 sx 20/40 | | | | | | | | |
| sand, plus additives | | | | | | | | |
| * Sulphur gas | | | | | | | | |
| ** Goat Island 9701: Gasport 10721 | | | | | | | | |

| | | | | |
|--|----------------------------|----------------|--------------------------------|------------|
| COUNTY: NORFOLK | TOWNSHIP: LAKE ERIE | LOT: | CONCESSION: Offshore | YEAR: 1967 |
| WELL NAME: Place Charlotteville No.5 | PERMIT No. 2372 | Charlotteville | | |
| CLAS: Development | FINAL STATUS: Gas Producer | | | |
| COUNTY: NORFOLK | TOWNSHIP: Lake Erie | LOT: | CONC: Offshore, Charlotteville | |
| WELL NAME: Place Charlotteville No.5 | PERMIT No. 2372 | | | |
| OPERATOR: Place Gas & Oil Co. Ltd., Toronto | CO-OPERATOR: (C.I.) | | | |
| BRILL: Place Gas & Oil Co. Ltd., Toronto | ELEVATION: 571'+15' | | | |
| GEOLOGIST: R.J. Beards (R.A. Log) | COORDINATES: | | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. | |
| Lake | 15 | 28 | | |
| DRIFT | 43 | 191 | | |
| PORT LAKES | | | | |
| KETTIE POINT | | | | |
| HAULTON | | | | |
| DUNDEE | 234 | 116 | | |
| COLUMBUS | | | | |
| BIRCHMOUNT: Lucas | N11 | | | |
| SHAWANAMOC: Amherstburg | 70 | | | |
| BOIS BLANC | 420 | 60 | | |
| OSISKANY | 480 | 75 | | |
| BASS ISLAND | 595 | 395 | | |
| SALINA | 576 | | | |
| UPPER SALT BEDS | 576 | | | |
| "E" Unit | 652 | | | |
| "C" UNIT SHALE | 768 | | | |
| "B" UNIT SALT | | | | |
| ANTRONITE | 849 | | | |
| "A" UNIT CARBONATE | | | | |
| SALT | | | | |
| ANTRONITE | 892 | | | |
| CARBONATE | | | | |
| EVAPORITE | | | | |
| QUIEN - LOCERT | 910* | 190 | | |
| ROCHSTER | 1170 | 1213'-1219 | | |
| NONDEQUOIT | 1170 | 1219'-1225 | | |
| REYNALS | 1187 | 1225'-1231 | | |
| THURD | 1192 | 1231'-1236 | | |
| GRANBY | 1198 | 1236'-1238 | | |
| CARD HEAD | 1238 | | | |
| CATALAG | | | | |
| MAINTING | | | | |
| WHIRPOOL | | | | |
| QUERSTON | | | | |
| MAJORO - DUNDAS | | | | |
| COLUMBOOD | | | | |
| CHORD | | | | |
| SHEWAN FALL | | | | |
| REYNOLD | | | | |
| CONCOCK | | | | |
| BLACK RIVER | | | | |
| GULL LAK | | | | |
| SHADOW LAKE | | | | |
| CAMERIAN | | | | |
| PRECAMBRIAN | | | | |
| TOTAL DEPTH (ESTIMATED) | 1250 | | | |
| TREATMENT | | | | |
| Aug 14/67: Frac'd w/75 sx 20/40 sand, 25 sx sand | | | | |
| 22 sx calcium chloride | | | | |
| * Goat Island 9741: Gasport 10541 | | | | |
| FINAL RESULTS | | | | |
| Oil | N11 | | | |
| Gas | 875 McFD-AF | | | |
| Pressure | 600 psig | | | |

| | | | | |
|---|----------------------------|------------|--------------------------------|------------|
| COUNTY: NORFOLK | TOWNSHIP: LAKE ERIE | LOT: | CONCESSION: Offshore-Woodhouse | YEAR: 1967 |
| WELL NAME: Place Charlotteville L.E. No.8 | PERMIT No. 2385 | | | |
| CLAS: Development | FINAL STATUS: Gas Producer | | | |
| COUNTY: NORFOLK | TOWNSHIP: Lake Erie | LOT: | CONC: Offshore Woodhouse | |
| WELL NAME: Place Charlotteville L.E. No.8 | PERMIT No. 2385 | | | |
| OPERATOR: Place Gas & Oil Co. Ltd., Toronto | CO-OPERATOR: (C.I.) | | | |
| BRILL: Place Gas & Oil Co. Ltd., Toronto | ELEVATION: 571'+15' | | | |
| GEOLOGIST: R.J. Beards (R.A. Log) | COORDINATES: | | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. | |
| Lake | 15 | 30 | | |
| DRIFT | 45 | 159 | | |
| PORT LAKES | | | | |
| KETTIE POINT | | | | |
| HAULTON | | | | |
| DUNDEE | 204 | 114 | | |
| COLUMBUS | | | | |
| BIRCHMOUNT: Lucas | N11 | | | |
| SHAWANAMOC: Amherstburg | 318 | 101 | | |
| BOIS BLANC | 419 | 49 | | |
| OSISKANY | 468 | 78 | | |
| BASS ISLAND | 546 | 354 | | |
| SALINA | 568 | | | |
| UPPER SALT BEDS | 568 | | | |
| "E" Unit | 658 | | | |
| "C" UNIT SHALE | 758 | | | |
| "B" UNIT SALT | | | | |
| ANTRONITE | 835 | | | |
| "A" UNIT CARBONATE | | | | |
| SALT | | | | |
| ANTRONITE | 885 | | | |
| CARBONATE | | | | |
| EVAPORITE | | | | |
| QUIEN - LOCERT | 900* | 212 | | |
| ROCHSTER | 1112 | 1187'-1205 | | |
| NONDEQUOIT | 1112 | 1205'-1210 | | |
| REYNALS | 1178 | 1210'-1218 | | |
| THURD | 1182 | 1218'-1227 | | |
| GRANBY | 1184 | 1227'-1231 | | |
| CARD HEAD | 1236 | | | |
| CATALAG | | | | |
| MAINTING | | | | |
| WHIRPOOL | | | | |
| QUERSTON | | | | |
| MAJORO - DUNDAS | | | | |
| COLUMBOOD | | | | |
| CHORD | | | | |
| SHEWAN FALL | | | | |
| REYNOLD | | | | |
| CONCOCK | | | | |
| BLACK RIVER | | | | |
| GULL LAK | | | | |
| SHADOW LAKE | | | | |
| CAMERIAN | | | | |
| PRECAMBRIAN | | | | |
| TOTAL DEPTH (ESTIMATED) | 1235 | | | |
| TREATMENT | | | | |
| Sept 5/67: Frac'd w/water, 75 sx 20/40 sand, 25 sx 10/20 sand plus additional 10551 | | | | |
| * Goat Island 9871: Gasport 10551 | | | | |
| FINAL RESULTS | | | | |
| Oil | N11 | | | |
| Gas | 457 McFD-AF | | | |
| Pressure | 600 psig | | | |

YEAR: 1967

109

COUNTY: OXFORD
WELL NAME: Subeo A.A. No. 1

TOWNSHIP: DEREHAM

LOT: 20

CONCESSION: VI
PERMIT No. 2326

YEAR: 1967

5

FINAL STATUS: Gas Producer*

CONC: VI

PERMIT No. 2326

TOTAL DEPTH: 3365' PBID: 894'

ELEVATION: 893'+3'

COORDINATES

2024'S. of N. Lot Line
700'E. of W. Lot Line
420654'N
LONG. 80°50'56"W
SPRINGS: May 17/1967
COMPLETED: July 27/1967
ABANDONED: August 3/1967*

SAMPLES IN OTTAWA: Yes

TRAY No.: 6322-6323

| DEPTH | TYPE | LEVEL FROM SURF | FLOW |
|-------|---------|-----------------|------|
| 150' | Fresh | 25' | |
| 190' | Fresh | 25' | |
| 306' | Sulphur | 75' | |
| 461' | Sulphur | 50' | |
| 502' | Salt | 50' | |
| 524' | Salt | 50' | |
| 534' | Salt | 50' | |
| 633' | Salt | 2500' | |

| SIZE | WEIGHT | SET AT | HOW SET | AMT. RECOVERED |
|---------|--------|--------|---------|----------------|
| 13 3/8" | 48# | 186' | Shoe | 186' |
| 10 3/4" | 32 | 286' | Shoe | Nil |
| 8 5/8" | 24 | 848' | H.W.P. | Nil |
| 7" | 20 | 1197' | Shoe | 11 7/8" |

| INTERVAL | NATURAL FLOW | S.L.P. |
|-------------|--------------|---------|
| 625' - 871' | 871' - 8.0' | Shoe ** |
| 871' - 106' | 170 Mcfd | 70 Mcfd |

| INTERVAL | NET FLOW | *M |
|--------------------|----------|----|
| INITIAL OIL RECORD | | |
| INITIAL GAS RECORD | | |
| INITIAL OIL RECORD | | |
| INITIAL GAS RECORD | | |

| INTERVAL | LOGGING RECORD | LOG ID |
|---------------|----------------|----------|
| INTERVAL | BLA-MELX | 3364' |
| INTERVAL | DEN-MELX | 3364' |
| CONING RECORD | No. | INTERVAL |
| CONING RECORD | Nil | |

| TEST | PRELIMINARY | TREATMENT | FINAL RESULTS |
|---|-------------|-----------|---------------|
| **Dry comb. test, PB to Clinton Cataract | 3364 | | Nil |
| ** Sulphur gas | | | |
| Aug 10/67: Acidized 848'-894' w/200 gal 28% Pen | | | 125 Mcfd |
| Acid, 300 gal 28% Pen. Acid, 1/2 gal HAT-50, | | | |
| 11/91 Pen. & suds | | | 425 psig |
| *** Goat Island 980 : Gasport 1177 | | | |

G. 7 ORDER No. 44-2084

COUNTY: OXFORD
WELL NAME: Subeo C.H. No. 5

TOWNSHIP: DEREHAM

LOT: 22

CONCESSION: IV
PERMIT No. 2388

YEAR: 1967

| | | | | | |
|---|---|--------------------|---|------------------------------------|----------------------|
| CLASS: Development | | FIELD: Brownsville | | FINAL STATUS: Gas Show - Abandoned | |
| COUNTY: Oxford | TOWNSHIP: Dereham | LOT: 22 | CONC: IV | PERMIT No. 2388 | |
| WELL NAME: Subeo C.H. No. 5 | OPERATOR: Subeo Limited, 100 Adelaide St. W., Toronto | | TOTAL DEPTH: 919' | | ELEVATION: 907' + 3' |
| DRILLER: Rawlings Drilling Co. Ltd., Chatham (C.I.) | GEOLOGIST: R. J. Beards (Samples) | | COORDINATES: 650' N. of S. Lot Line 425' E. of W. Lot Line | | |
| GEOLOGICAL FORMATIONS | TOP | ELEV. | THICK. | | |
| DEPT | | | | | |
| PORT LAMTON | 3 | | 180 | | |
| KETTER POINT | | | | | |
| HAMILTON | 183 | | 47 | | |
| DUNDEE | | | | | |
| COLUMBUS | 230 | | 85 | | |
| DETROIT RIVER | 230 | | 103 | | |
| STYRANK Amherstburg | 418 | | 34 | | |
| BOIS BLANC | 418 | | 410 | | |
| OSISKANY | 452 | | 53 | | |
| SALINA "G" Unit | 505 | | 395 | | |
| UPPER SALT BEDS | 526 | | | | |
| "E" Unit | 642 | | | | |
| "C" UNIT SHALE | 732 | | | | |
| "B" UNIT SALT | 824 | | | | |
| "A2" UNIT ANHIDRITE | 824 | | | | |
| "A2" UNIT CARBONATE | 886 | | | | |
| "A1" UNIT SALT | 886 | | | | |
| "A1" UNIT ANHIDRITE | 886 | | | | |
| GRIEN - LOCKPORT | 900 | | 194 | | |
| ROCHESTER | | | | | |
| REYNOLDS | | | | | |
| THOROLD | | | | | |
| GRANBY | | | | | |
| CARD HEAD | | | | | |
| MANITOWIN | | | | | |
| WHIRLPOOL | | | | | |
| QUERENTON | | | | | |
| MAKROD-DUNDAS | | | | | |
| COLLINGSWOOD | | | | | |
| CONROD | | | | | |
| SHEWAN FALL | | | | | |
| KIRKFIELD | | | | | |
| COBOCONK | | | | | |
| BLACK RIVER | | | | | |
| SHADOW LAKE | | | | | |
| CAMBRIAN | | | | | |
| PRECAMBRIAN | | | | | |
| TOTAL DEPTH (SAMPLES) | 919 | | | | |
| TREATMENT | | | | | |
| OIL | | Nil | | | |
| GAS | | Show | | | |
| PRESSURE | | | | | |

| | | | | | |
|--------------------------|--------|--------------------|--------------|--------------------|--|
| CASING AND TUBING RECORD | | INITIAL GAS RECORD | | INITIAL OIL RECORD | |
| SIZE | WEIGHT | SET AT | HOW SET | AMT. RECOVERED | |
| 10 3/4" | 40# | 184' | Shoe | 184' | |
| 8 5/8" | 24 | 249' | Shoe | 249' | |
| 4 1/2" | 9.5 | 886' | Cem. (50sx) | 886' | |
| INTERVAL | | NET PAY | NATURAL FLOW | S.L.P. | |
| 903' | | | Show | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

| | | | | | |
|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | S.L.P. | |
| Nil | | | | | |

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|---------------|------|--------------------|--------------|--------------------|--|
| CODING RECORD | | INITIAL OIL RECORD | | INITIAL GAS RECORD | |
| INTERVAL | TYPE | NET PAY | NATURAL FLOW | *A* | |
| Nil | | | | | |
| CODING RECORD | | INITIAL OIL | | | |

YEAR: 1967

YEAR: 1967

9

P. 00284 NO. 11-13

CLASS: Strat. Test

FIELD:

FINAL STATUS: Strat. Test

COUNTY: Russell TOWNSHIP: Russell

CONC: I LOT: 19 PERMIT NO. 2264

WELL NAME: Consumers' No. 12022

TOTAL DEPTH: 2561'

OPERATOR: Consumers' Gas Company, Toronto

ELEVATION: 2507+9'

BRUIER: James Drilling Ltd., Wallaceburg

GEOLOGIST: R. J. Beards (R/A Log)

CO-ORDINATE: 490'N. of S. Lot Line

1480'W. of E. Lot Line

SPINDLED: 45017.10'N.

LONG: 75024.03'W.

COMPLETED: February 3, 1967

ABANDONED: March 2, 1967

SAMPLES IN OTTAWA:

TRAY NO.:

DEPTH

TYPE

WATER RECORD

LEVEL FROM SURF.

FLOW

Not recorded

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P. 00284 NO. 11-13

O. J. GERRARD 6-1-11-11

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COUNTY: SIMCOE
WELL NAME: Sylvester No

[illegible]

COUNTY: WELLAND
WELL NAME: Consume

[illegible]

CLASS: Development FIELD: Welland FINAL STATUS: Gas Producer CONC: V LOT: 27 CONCESSION: V YEAR: 1967

COUNTY: Welland TOWNSHIP: Wainfleet

WELL NAME: Alvin Putman No. 1 OPERATOR: Alvin Putman, Wainfleet

DRIER: Montgomery Bros. Selkirk (C.T.)

GEOLOGIC: R.J. Beards (Sample 6)

COORDINATES: 300'1"N. of S. lot line

LA. 42° 56' 42" N. LONG. 79° 29' 08" W. SPURD: February 20, 1967 COMPLETED: April 14, 1967

ABANDONED: SAMPLES IN OTTAWA: Yes TRAY No. 6380

| DEPTH | TYPE | LEVEL FROM SURF | FLOW |
|-------|---------|-----------------|------|
| 40' | Fresh | 8' | |
| 172' | Sulphur | 10' | |
| 310' | Sulphur | 10' | |

WATER RECORD

| DEPTH | WEIGHT | SET AT | HOW SET | AMT. RECOVERED |
|-------|--------|--------|----------|----------------|
| 8" | 19# | 104' | Basefoot | N/L |
| 172" | 17 | 46' | Basefoot | 476' |
| 3" | 73' | | Basefoot | N/L |

CEILING AND TIMING RECORD

| SIZE | WEIGHT | SET AT | HOW SET | AMT. RECOVERED |
|------|--------|--------|----------|----------------|
| 8" | 19# | 104' | Basefoot | N/L |
| 172" | 17 | 46' | Basefoot | 476' |
| 3" | 73' | | Basefoot | N/L |

INITIAL GAS RECORD

| INTERVAL | NET PAY | NATURAL FLOW | S.P. |
|-----------|---------|--------------|---------|
| 657'-662' | | 11 McFD | 25 psig |

INITIAL OIL RECORD

| INTERVAL | NET PAY | NATURAL FLOW | *API |
|----------|---------|--------------|------|
| | | | |

LOGGING RECORD

| INTERVAL | TYPE | LOG TD |
|----------|------|--------|
| | | |

CONING RECORD

| INTERVAL | No. | INTERVAL |
|----------|-----|----------|
| | | |

PRECAMBRIAN TOTAL DEPTH (SAMPLES) 724' TREATMENT

* Etanosa 3181; Gasport 4081

FINAL RESULTS

| OIL | 11 McFD |
|----------|---------|
| GAS | |
| PRESSURE | 25 psig |

CLASS: Expl.-N.E.W. FIELD: Lake Erie FINAL STATUS: Gas Show - Abandoned CONC: Offshore-Humberstone LOT: CONCESSION: Offshore-Humberstone YEAR: 1967

COUNTY: Welland TOWNSHIP: Lake Erie

WELL NAME: Consumers' No. 11792 OPERATOR: Consumers' Gas Company, Toronto

DRIER: Underwater Gas Developers Ltd., Toronto

GEOLOGIC: R.J. Beards (R/A 100)

COORDINATES: 42° 49' 25" N. LONG. 79° 11' 10" W. SPURD: July 5, 1967 COMPLETED: July 10, 1967

ABANDONED: July 10, 1967 SAMPLES IN OTTAWA: Yes TRAY No. 6471

| DEPTH | TYPE | LEVEL FROM SURF | FLOW |
|-------|---------|-----------------|------|
| 830' | Sulphur | 23 | |

WATER RECORD

| DEPTH | WEIGHT | SET AT | HOW SET | AMT. RECOVERED |
|--------|--------|----------------|---------|----------------|
| 8 5/8" | 24# | 134' (em 385X) | | 97' |

CEILING AND TIMING RECORD

| SIZE | WEIGHT | SET AT | HOW SET | AMT. RECOVERED |
|--------|--------|----------------|---------|----------------|
| 8 5/8" | 24# | 134' (em 385X) | | 97' |

INITIAL GAS RECORD

| INTERVAL | NET PAY | NATURAL FLOW | S.P. |
|----------|---------|--------------|------|
| 910' | | Show | |

INITIAL OIL RECORD

| INTERVAL | NET PAY | NATURAL FLOW | *API |
|----------|---------|--------------|------|
| | | | |

LOGGING RECORD

| INTERVAL | TYPE | LOG TD |
|------------|-----------|--------|
| 1043'-01' | R/A-BIRD | 1043' |
| 1042'-110' | CALP-BIRD | 1043' |

CONING RECORD

| INTERVAL | No. | INTERVAL |
|----------|-----|----------|
| | | |

PRECAMBRIAN TOTAL DEPTH (SAMPLES) 1044' TREATMENT

* Gasport 7931

FINAL RESULTS

| OIL | N/L |
|--------------------|------|
| GAS <td>Show</td> | Show |
| PRESSURE <td></td> | |

YEAR: 1967

9 0 9 0 4

[illegible]

COUNTY: WELLAND TOWNSHIP: LAKE ERIE LOT: CONCESSION: Offshore-Humberstone YEAR: 1967
WELL NAME: Consumers' No. 12935 PERMIT No. 2358

[illegible]

YEAR: 1967

CONCESSION: IX
PERMIT No. 2347

LOT: 17

COUNTY: WELLINGTON TOWNSHIP: ARTHUR
WELL NAME: Kenartha No. 1

[illegible]

NOTES



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